959058

L2010300071-Winnebago Co
Kaney Transportation, Inc
Superfund/HRS

CERCLA
Screening Site Inspection Report

Illinois Environmental
Protection Agency
PO Box 19276
Springfield, IL 62794-9276

Confidential Material May be Enclosed

TABLE OF CONTENTS

APPENDIXES

LIST OF FIGURES

LIST OF TABLES

1 INTRODUCTION

On September 24, 1991 the Illinois Environmental Protection Agency's Pre-remedial Program was tasked by the U S Environmental Protection Agency (U S EPA) to conduct a screening site inspection of the Kaney Transportation, Inc facility in Rockford, Illinois

The site was initially placed on CERCLIS (Comprehensive Environmental Response and Compensation Acts Information System) in September of 1990 as a result of a request for discovery action initiated by the Illinois Environmental Protection Agency The facility received its initial CERCLA evaluation in March of 1991, when Ms Sheila Murphy of the Illinois EPA completed a formal Preliminary Assessment report In October 1991, the Illinois EPA's Pre-remedial program prepared and submitted to the Region V offices of the U S Environmental Protection Agency a screening site inspection work plan for Kaney Transportation, Inc The sampling portion of the screening site inspection was conducted on November 6 & 7 of 1991 when the inspection team collected a total of nine soil/sediment and six ground water samples The purpose of a Screening Site Inspection has been stated by U S EPA in a directive outline of Pre-Remedial program strategies The directive states

> All sites will receive a screening SI to 1) collect additional data beyond the PA to enable a more refined preliminary HRS [Hazard Ranking System] score, 2) establish priorities among sites most likely to qualify for the NPL [National Priorities List], and 3) identify the most critical data requirements for the listing SI step A Screening SI will not have rigorous data quality objectives (DQOs) Based

on the refined preliminary HRS score and other technical judgement factors, the site will then either be designated as NFRAP [no further remedial action planned], or carried forward as an NPL listing candidate A listing SI will not automatically be done on these sites, however First, they will go through a management evaluation to determine whether they can be addressed by another authority such as RCRA (Resource Conservation and Recovery Act] Sites that are designated NFRAP or deferred to other statutes are not candidates for a Listing SI The listing SI will address all the data requirements of the revised HRS using field screening and NPL level DQOs It may also provide needed data in a format to support remedial investigation work plan development Only sites that appear to score high enough for listing and that have not been deferred to another authority will receive a Listing Site Inspection (U S EPA 1988)

The Region V offices of the U S EPA have also requested that the Illinois Environmental Protection Agency identify sites during the Screening Site Inspection that may require removal action to remediate an immediate human health and/or environmental threat

2 SITE BACKGROUND

2 1 INTRODUCTION

This section includes information obtained over the course of the formal CERCLA Screening Site Inspection investigation, and previous Illinois Environmental Protection activities involving this site

2 2 SITE DESCRIPTIONS

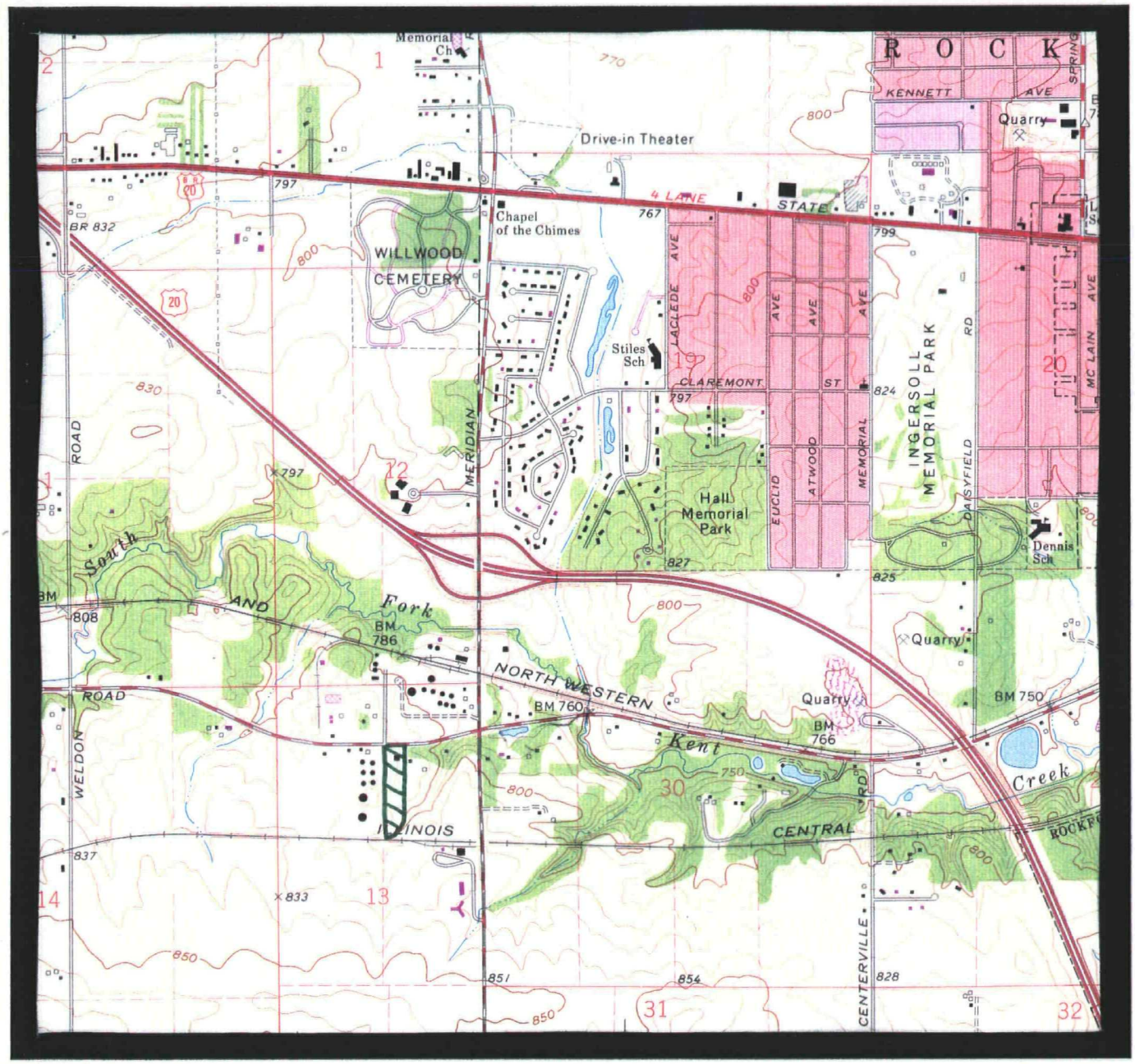
The Kaney Transportation, Inc facility is an approximately five acre site located on Cunningham Road about one and a half miles west of the city limits of Rockford, Illinois {see Figure 2-1 and 2-2} The site is found in the north half of Section 13, Township 26 North, Range 11 East of Winnebago County just west of the Third Principle Meridian The main office is situated on Meridian Road It is on the same parcel of land as the site on Cunningham Road A four mile radius map of lands surrounding the Kaney Transportation, Inc facility is provided in Appendix A of this report

Kaney Transportation, Inc is located in a small industrial area Abutting Kaney to the west is Marathon Petroleum Company Found directly north of Kaney is Cunningham Road with Torch Oil and Badger Pipeline Co beyond the road A residential area lies to the east of the site Kaney is bordered to the south by the Illinois Central Gulf Railroad line with vacant land beyond the railroad tracks

Kaney Transportation,Inc.
Rockford, IL

SITE LOCATION

FIGURE 2-1



SOURCE: IEPA, 1992. BASE MAP: USGS, 1971 WINNEBAGO, ILLINOIS 7.5 MINUTE QUADRANGLE

APPROXIMATE SCALE: 2 1/2" = 1 MILE

SITE LOCATION

FIGURE 2-2

The operations at Kaney Transportation, Inc include the transportation of petroleum and resinous substances, truck maintenance and the storage of some product at the site The president of Kaney is Richard L Bell The facility is currently owned by Bell Leasing Company

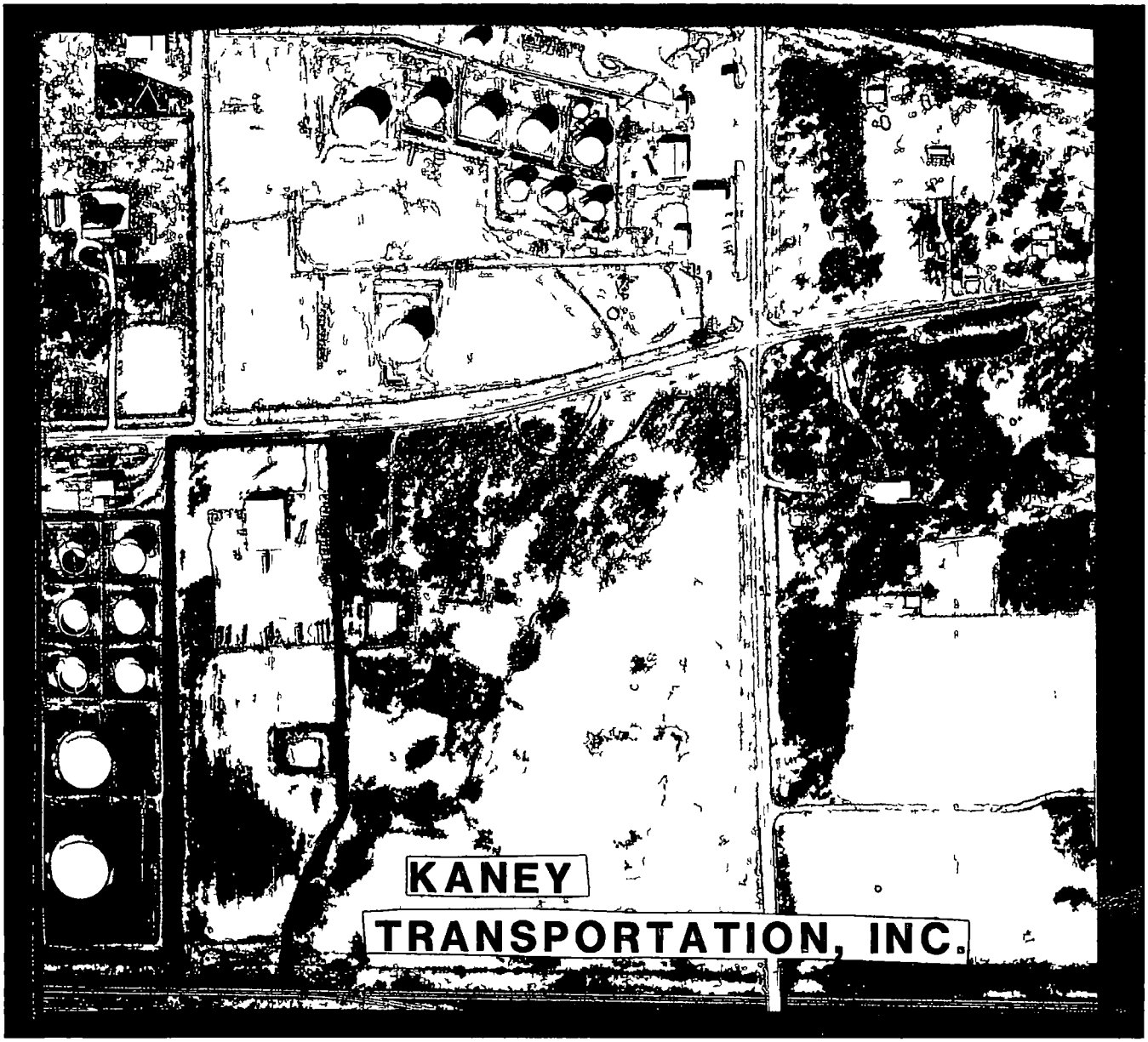
The structures on site consist of a building copmrised by offices in the northern portion and the shop area in the southern part, four above ground storage tanks that stand upright, and a fenced lagoon which contains two stainless steel holding tanks An estimated 1/3 of the site is covered with asphalt pavement There are also nine monitoring wells located on site (Refer to Figures 2-3 and 2-4 for site aerial photos)

2.3 SITE HISTORY

Until 1958 the property on which Kaney is now situated was used for agricultural purposes and owned by Russel Coffin In 1958 Mr Coffin sold part of his land to Martin Oil Services Martin Oil Services never developed this farmland

On June 15, 1983, Martin Oil deeded part of their land to Federal Land Bank Associates of Dixon According to the tax assessor, in April of 1987 the Federal Land Bank sold a parcel of land on Meridian to Richard L Bell In December 1986, Ed Kaney deeded his land on Cunningham to Richard Bell

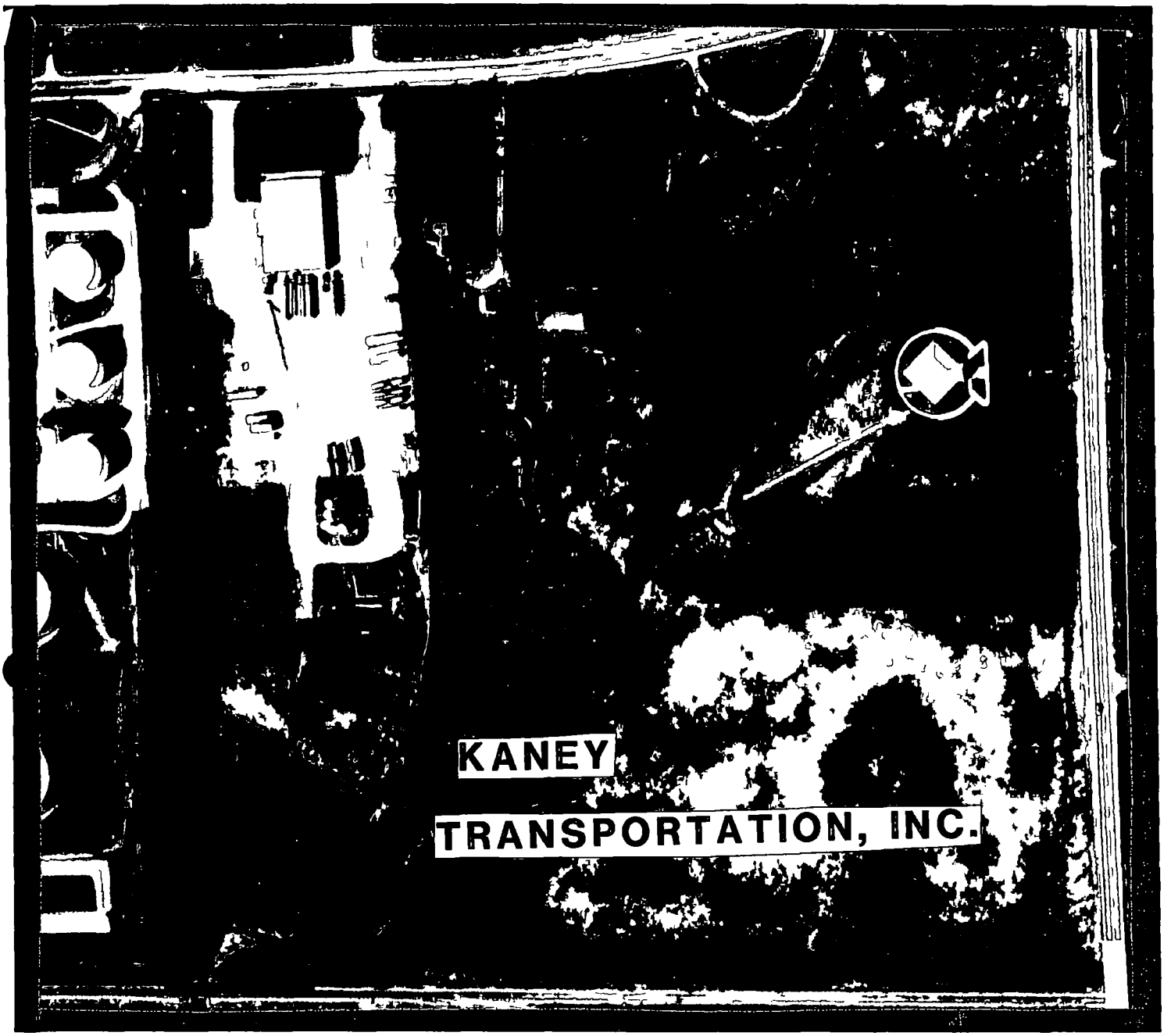
Prior to 1988 Kaney actually consisted of two different entities Even so, both corporations had the same owners,



SOURCE IDOT, 1992 AERIAL PHOTOGRAPH

1974 AERIAL PHOTOGRAPH

FIGURE 2-3



SOURCE IDOT, 1992 AERIAL PHOTOGRAPH

1988 AERIAL PHOTOGRAPH

FIGURE 2-4

directors and officers The first was incorporated on December 12, 1946, the second June 29, 1973 Kaney Transportation, Inc was the sole subsidiary to the holding company of KTI, Inc On December 31, 1988, Kaney Transportation, Inc was merged into KTI, Inc On February 6, 1989 the name of the corporation KTI, Inc was resolved to Kaney Transportation, Inc

Operations at Kaney began between 1970 and 1971 From about January 1974 to March 1979 Kaney specialized in the transportation of a variety of liquids and gases including gasoline, fuel oil, propane, resins, asphalt, varnishes, latexes and paints During this time, Kaney washed both the interior and exterior of their trailer tanks on site According to the Division of Water Pollution Control (DWPC) files, approximately 300 gallons of wastes were released into the lagoon per week The waste water flowed from floor drains through a pipe into the holding pond located south of where the trucks were washed It was the responsibility of Kaney employees to observe the lagoon When it was full, they were to pump the waste into a tank truck to be hauled to the Rockford Sanitary District for proper disposal

In 1977 Kaney Transportation, Inc was prohibited from the Rockford Sanitary District for the disposal of effluent discharge from the on site lagoon Heavy metals and cyanide were detected in the effluent

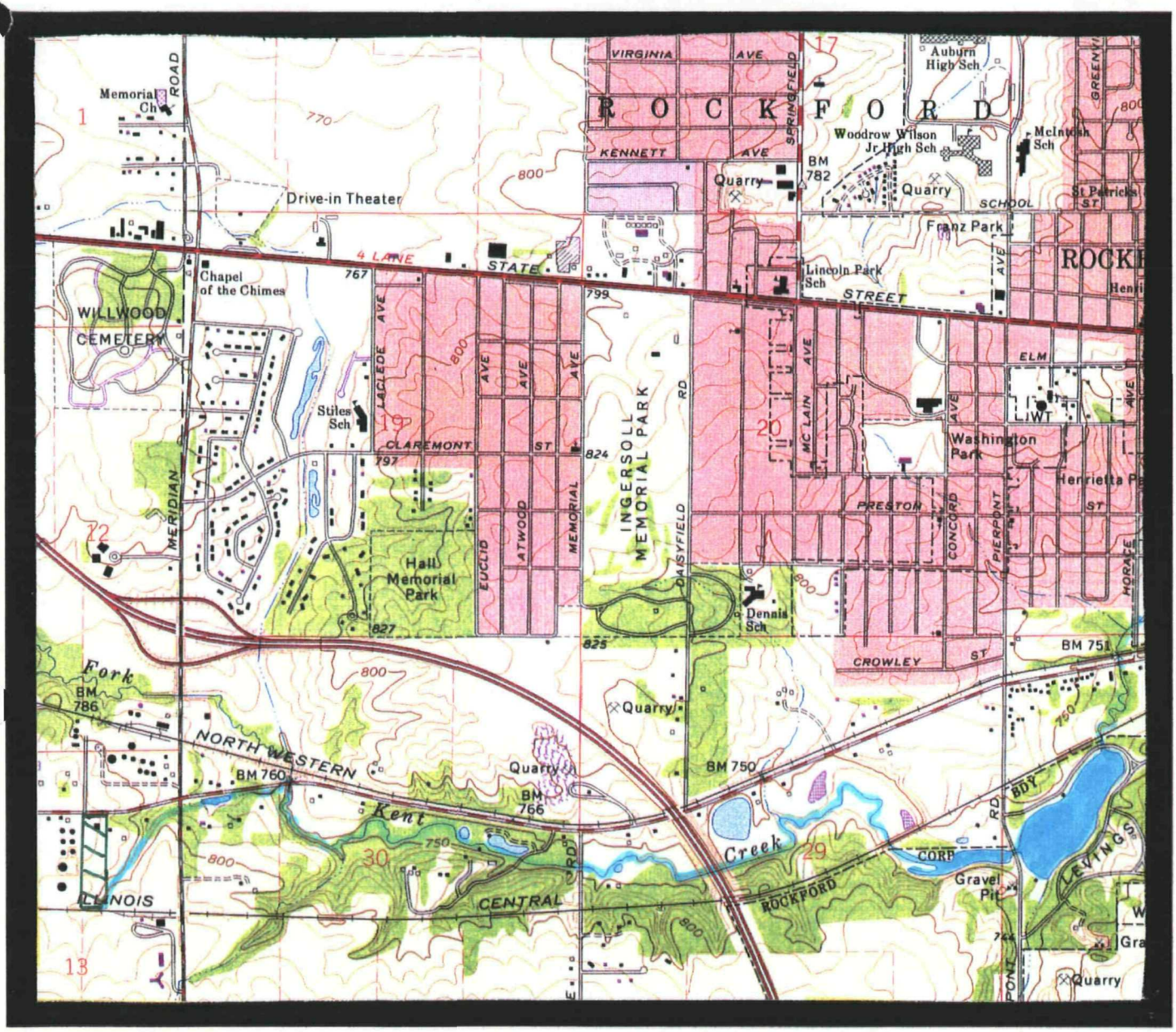
The DWPC files indicate that the first official complaint against Kaney Transportation, Inc is recorded as being filed

before the Pollution Control Board on August 30, 1978 The complaint regarded Kaney's use of a treatment works system without a permit and lack of proper disposal methods for the contents of the lagoon

The snows of 1976-1977 and 1978-1979 made access to the lagoon difficult On different occasions Mr Robert Higgins, president of Kaney at the time, along with three citizens observed waste in the lagoon overflowing into an abutting cornfield From the cornfield the discharge flowed to a creek that lies approximately 150 feet east of the lagoon The stream flows several hundred feet to where it reaches property belonging to homeowners and flows into a private pond at approximately 1,200 feet downstream (See Figure 2-5 for the surface water route) The liquid waste is recorded as being oily with reddish, rusty coloring and giving off "unpleasant, sickening odors"

As of March 1979, Kaney discontinued the internal washing of its trailers On December 12, 1980, the IEPA verified that Kaney had complied with settlement conditions This included installing a clay base of no less than one foot and an impermeable industrial liner covering the clay base

On November 19, 1981, the IEPA Permits Section gave Kaney permission for the installation of two stainless steel holding tanks These were placed in the lagoon and used for the storage of external wash water The IEPA was informed by Kaney in November of 1981 that Kaney qualified for the status of small quantity generator



SOURCE: IEPA, 1992. BASE MAP: USGS, 1971, ILLINOIS 7.5 MINUTE QUADRANGLE

SURFACE WATER ROUTE

FIGURE 2-5

September 21, 1983, is the date of a report that implies Ron Bell, at that time the director of operations and personnel, was interviewed by the IEPA in regards to a complaint that a hole was dug by the complainant where the complainant saw 15-20 drums containing solvents, resins and caustic materials placed in the hole

On May 9, 1985, a RCRA inspection revealed Kaney as generating hazardous waste The hazardous waste identified was xylene Kaney had used xylene to clean their tank trailers By June 5, 1985, Kaney had shipped the 500 gallons of dirty xylene and claimed to no longer use xylene for cleaning

On June 15, 1989 the IEPA received a complaint and confirmed that Kaney Transportation, Inc was having buried drums excavated from Kaney property by Frinks Industrial Waste, Inc (FIW) FIW extracted about 40 whole drums, 30 drum fragments and ten 5-gallon buckets These were placed on plastic sheeting The majority of the barrels were found at about 14 feet below grade The excavated soil (approximately 300 yards) was stockpiled to the side

Thomas Dishno, of FIW, said the clean fill (used for backfill) was separated from the excavated area by plastic sheeting However, Thomas McNamee, of IEPA, questioned the use of plastic sheeting due to the fact that no plastic sheeting was visible in the backfill area There is also photo documentation that shows contamination to the

surrounding ground This occurred as a result of the drums being stockpiled FIW said they would remove the top layer of soil in this vicinity The following day FIW used plastic to line the hole then refilled it to grade

In June of 1989, both FIW and the IEPA took a series of soil samples On July 7, 1989, overpacking procedures began The drums containing liquids were overpacked into 20 new drums from which a composite sample was taken The solid materials were overpacked into 16 containers A composite sample was collected from the 16 drums The following contaminates were found in the composite samples Methyl Ethyl Ketone, 1,1,1-Trichloroethane, Butyl Acetate, Xylene, Naphthalene, Methanol, Toluene and Benzyl Butyl Phthalate

On July 19, 1989, three underground storage tanks (UST) were also removed from Kaney property These consisted of two 275-gallon tanks and one 550-gallon tank The two 275-gallon tanks had been installed sometime in 1970 or 1971 and were used for the storage of solvents They were located to the east of the dispatch building The 550-gallon tank was used to store waste oil It had been emplaced to the west of the dispatch building

The 275-gallon tanks were observed leaking solvent during the removal After the removal of the tanks, they were opened, the contents pumped out and the tanks were cleaned Approximately 15 drums were needed to contain the product remaining in the tanks and the wash water used for cleaning FIW and the IEPA took samples from the east and west

excavations The analytical results indicated that chlorinated solvents exist in the soil where the UST's had been

The tanks were transported to a facility for proper disposal Visqueen was placed over both excavation holes Clean backfill was used in the solvent contaminated area and brought to grade Soil contaminated with waste oil was used to bring the west excavation back to grade

In April of 1990, Mittelhauser Corporation completed sixteen soil borings and installed nine monitoring wells Over the course of the past fifteen years, there have been numerous sampling events in attempts to determine the type, amount and extent of contamination The following table is a composite list of various contaminative substances found in the above mentioned sampling events and others

TABLE 2-1

VOLATILES	CONCENTRATIONS (PPM)		LOCATIONS
METHYLENE CHLORIDE	91	0	Sludge in waste oil tank
ACETONE	660	0	Sludge in waste oil tank
1,2-DICHLOROETHENE	0	16	Floor of the east excavation
CHLOROFORM	460	0	Composite from solvent tank
1,2-DICHLOROETHANE	0	008	Residential Well
2-BUTANONE (MEK)	980	0	Liquid Waste
1,1,1-TRICHLOROETHANE	520	0	Composite from solvent tank
CARBON TETRACHLORIDE	980	0	Composite from solvent tank
TRICHLOROETHENE	333000	0	Composite from solvent tank

BENZENE	0	59	Monitoring Well #8
TETRACHLOROETHENE	2100	0	Composite from solvent tank
TOLUENE	28000	0	Composite from solvent tank
ETHYLBENZENE	8600	0	Composite from solvent tank
VINYL CHLORIDE	0	014	Residential Well
STYRENE	0	026	Soil, Location Unknown
XYLENE (TOTAL)	74000	0	Composite from solvent tank
CIS-1,2-DICHLOROETHANE	0	79	Monitoring Well
SEMIVOLATILES			
PHENOLS	20900	0	Composite from solvent tank
ISOPHORONE	0	52	East excavation stockpile
NAPHTHALENE	110	0	Liquid Waste
ACENAPHTHENE	0	65	East excavation stockpile
FLUORENE	1	40	East excavation stockpile
N-NITROSODIPHENYLAMINE	1	40	East excavation stockpile
PHENANTHRENE	3	10	East excavation stockpile
DI-N-BUTYLPHTHALATE	0	37	West UST excavation
FLUORANTHENE	0	80	East excavation stockpile
PYRENE	0	80	East excavation stockpile
BUTYLBENZYLPHTHALATE	94	0	Solid Waste
INORGANICS			
ARSENIC	9	30	Soil south of lagoon area
BARIUM	49	0	Soil pile
CADMIUM	110	0	Soil south of lagoon area
CHROMIUM	93	5	Soil south of lagoon area
COPPER	185	0	Soil south of lagoon area
IRON	2	50	Discharge east of property approx 200' SSE of lagoon

LEAD	223	0	Soil south of lagoon area
MANGANESE	0	24	Ditch approx 1000' downstream (east) of lagoon are
MERCURY	0	022	Washwater drums
NICKEL	35	50	Soil south of lagoon area
ZINC	2550	0	Soil south of lagoon area
CYANIDE	0	96	Sludge in waste oil tank
SULFATE	28	0	Ditch approx 1000' down-
CHLORIDE	50	0	Ditch approx 200' upstream from lagoon overflow
OTHERS			
METHANOL	640	0	Solid Waste
BUTYL ACETATE	1100	0	Liquid Waste
ETHANOL	1	20	Washwater Drums
2-ETHOXYETHANOL ACETATE	8	90	East excavation stockpile
FLUORIDE	9	90	Discharge east of property approx 200' SSE of lagoon
PHOSPHOROUS	13	0	South edge of lagoon, 15' from southeast corner
AMMONIA	7	70	Ditch approx 200' upstream of lagoon overflow
DICHLORODIFLUOROMETHA	0	025	Boring 13

2 4 APPLICABILITY OF OTHER STATUTES

This section discusses the applicability of any other environmental statutes with regards to Kaney Transportation, Inc

The facility is considered to be a small quantity generator but does not hold a permit with the IEPA under the Resource Conservation and Recovery Act (RCRA) program according to the Federal Listing of RCRA related facilities published by the Region V offices

3 SITE INSPECTION ACTIVITIES & ANALYTICAL RESULTS

3 1 INTRODUCTION

This section outlines procedures utilized and observations made during the CERCLA Screening Site Inspection conducted at the Kaney Transportation, Inc facility Specific portions of this section contain information pertaining to the site representative interview, reconnaissance inspection, field activities and analytical results The Screening Site Inspection for Kaney was conducted in accordance with the site inspection work plan which was developed and submitted to the U S EPA Regional Offices prior to the initiation of field activities

The U S Environmental Protection Agency's Potential Hazard Waste Site Inspection Report (Form 2070-13) for the Kaney Transportation, Inc site is located in Appendix B of this report

3 2 RECONNAISSANCE INSPECTION

Due to the nature of this site and the completion of a CERCLA Preliminary Assessment eight months prior to the CERCLA Screening Site Inspection, no reconnaissance inspection was conducted specifically for the SSI During the CERCLA Preliminary Assessment reconnaissance visit the facility appeared to be well kept and clean The lagoon was completely fenced A small amount of liquid was observed beneath the two holding tanks in the lagoon It was not possible to determine if the liquid originated from rain

water or possibly a leak from the tanks

3.3 SITE REPRESENTATIVE INTERVIEW

On November 6, 1991, the IEPA sampling team, consisting of Sheila Murphy, Ken Corkill, Greg Dunn and Kim Nika, arrived at the Kaney Transportation, Inc facility at approximately 10 20 AM At that time the team met with Michelle Susic of Mittelhauser Corporation, a representative of Kaney Mr Bell, president of Kaney, arrived approximately ten minutes following At this time there was an informal meeting during which Mr Bell mentioned that Marathon Oil had recently put in wells, probably monitoring wells

The following day Mr Roger Theile, a Kaney employee, mentioned that Kaney's on site well was supplying the non-responsive home with water until the non-responsive had the new well installed

3 4 SOIL/SEDIMENT SAMPLING

On November 7, 1991, Illinois Environmental Protection Agency (IEPA) personnel collected the nine soil/sediment samples (see Figures 3-1 and 3-2 for locations) on site and in the proximity of the site within areas of suspected contamination The main objective of these soil/sediment samples was to determine if any U S EPA Target Compound List (TCL) contaminants were present at the site or at potential receptors of concern (The Target Compound List is provided in Appendix C of this report) This would aid in the delineation of the extent of potential contamination The following table details individual samples with their

SAMPLING LOCATIONS

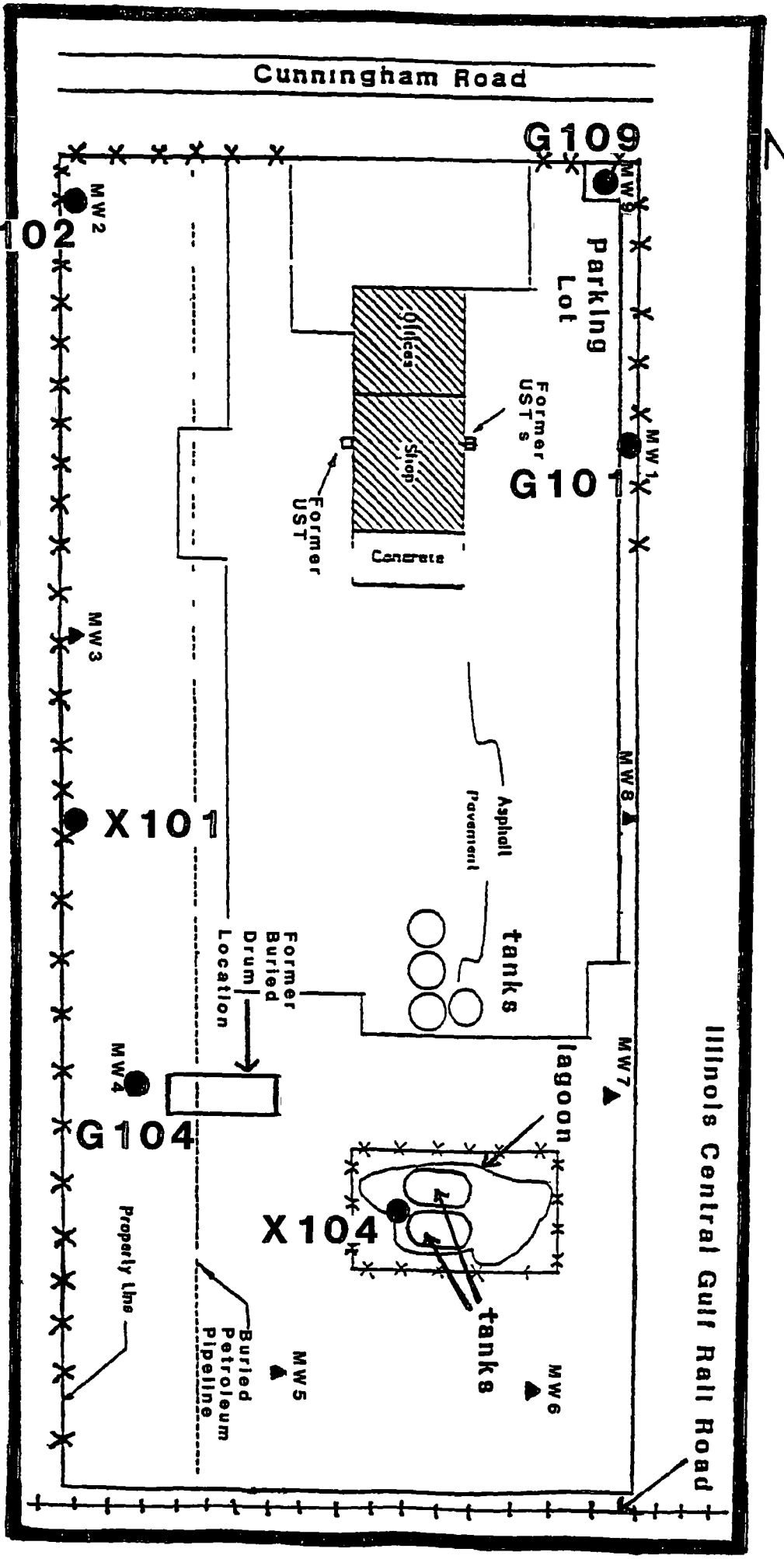


FIGURE 3-1

non-responsive

locations, depths and physical appearances (Refer to the analytical data in Appendix F for detection limits associated with each sample point)

TABLE 3-1

Soil Sample Descriptions

Sample	Depth	Appearance	Location
X101	0-6"	Dark silty clay	West boundary of Kaney property
X102	1-4"	Black nondescript humous/topsoil	Southwest corner of non-responsive backyard
X103	0-6"	Brownish-black topsoil	East of South Weldon Rd north of R R tracks & west of barbed wire fence
X104	6"-2'	Very sandy with clay, had waste oil-like odor	Lagoon area
X105	0-4"	Brown Clay with sand & gravel	3' north of gas pipe south of Kaney's southern boundary
X106	0-4"	Brown silty clay with sand and some gravel	22'11" south of southern lagoon boundary 75'9" east of east boundary fence of site
X107	0-2"	Clay with fine brown sand and some pebbles	Southwest corner of Cunningham Rd and Meridian Rd west of culvert
X108	4"-8"	Very black with organic matter	East end of non-responsive pond
X109	0-2"	Black with organic matter	West end of non-responsive pond

The above soil/sediment samples were taken with stainless steel spoons and bucket augers Decontamination of equipment was done at the IEPA's warehouse prior to and following the SSI Decontamination procedures include the cleaning of the equipment with liquid alconex and warm water, rinsing with tap water, rinsing with a 50% acetone 50% distilled water mixture, rinsing with warm tap water and a final rinsing of distilled water The spoons and augers dried on paper towels and were wrapped in aluminum foil

3 5 GROUNDWATER SAMPLING

Sampling was conducted November 6 & 7, 1991 by the screening site inspection team Illinois EPA personnel took a total of six groundwater samples, four of which were from on site monitoring wells and two from privately owned wells

The four on site monitoring wells were purged manually with the use of teflon bailers Temperature, pH and specific conductivity readings were taken prior to sampling wells G101, G104 and G109

It should be noted that when the water level indicator was placed in monitoring well G102, the instrument's buzzer did not sound until it had passed through the top layer of the well contents Because the water level indicator is constructed to read water levels (as opposed to something like Benzene levels) and did not buzz when initially penetrating the well contents, it was believed the well water

had product floating on top The HNU reading for this well registered at 300 units above background When the water was bailed out there was what appeared to be a petroleum type product floating on the surface Temperature, pH and specific conductivity readings were not administered to monitoring well G102 due to potential damage to instrumentation

Sample G202 was taken from a residential well owned by the non-responsive This well is located approximately 1/4 mile to the northeast of Kaney Transportation, Inc The sample was taken in the basement of the non-responsive home The water softener was turned off The water was allowed to run for approximately 15 minutes prior to sampling A series of three readings of temperature, pH and conductivity were taken

Sample G203 was extracted from a residential well owned by the non-responsive The water was taken from a spigot located on the outside of the house The water was purged for approximately 15 minutes before sampling began G203 is situated approximately 850 feet to the westnorthwest of Kaney Transportation, Inc Temperature, pH and conductivity readings were taken for this sample, also

One other well, belonging to the non-responsive, had originally been on the agenda to sample However, at the time of the CERCLA SSI this well was out of commission

Preservatives were added to the appropriate inorganic bottles after the sampling bottles were filled for each of the above mentioned groundwater samples Locations of these

wells can be found on Figures 3-1 and 3-2

Teflon bailers and new nylon cord were used to sample all monitoring wells Decontamination of equipment was done at the IEPA's warehouse prior to and following the SSI Decontamination procedures include the cleaning of bailers with liquid alconex and warm water, rinsing with tap water, rinsing with a 50% acetone 50% distilled water mixture, rinsing with warm tap water and a final rinsing of distilled water The bailers dried on paper towels and were wrapped in aluminum foil

3 6 SURFACE WATER SAMPLING

There were no surface water samples taken during the CERCLA Screening Site Inspection for Kaney Transportation Sediment sampling was chosen instead of surface water sampling for the unnamed creek and residential pond

3 7 ANALYTICAL RESULTS

Chemical analysis of groundwater samples collected from the two private wells revealed the presence of both organic and inorganic compounds and suspected laboratory artifacts Analysis of the soil/sediment samples collected at the facility and off site indicated the existence of volatiles, semi-volatiles, inorganic compounds, suspected laboratory artifacts and common soil/sediment constituents

See the Sample Summary Table for the summary of the groundwater and soil/sediment sample results The Sample Summary Table and complete laboratory analytical data of

these results can be found in Appendix F of this report

3.8 KEY SAMPLES

Table 3-2 identifies those samples taken during the CERCLA Screening Site Inspection (SSI) which were shown to contain contaminants at a level significantly higher than the background concentrations

For the review of all contaminants detected in samples taken during the CERCLA SSI, the reader is referred to the Sample Summary Table located in the front of Appendix F of this report

KANEY TRANSPORTATION INC

ILD 064006901

TABLE 3-2

KEY SAMPLES

SAMPLING POINT	X 103	X 101	X 104	X 105	X 106	X 107	X 109	X 108	X 102	G 203	G 104	G 102	G 109	G 101	G 202	TRIP
PARAMETER	11-7-91	11-7-91	11-7-91	11-7-91	11-7-91	11-7-91	11-7-91	11-7-91	11-7-91	11-7-91	11-6-91	11-6-91	11-6-91	11-6-91	11-6-91	BLANK
VOLATILES	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	1900.0	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	30.0	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	19000.0 BJ	--	--	--	31.0
1,2-Dichloroethene(total)	--	--	--	--	--	--	--	--	--	--	--	--	31 0	120.0 D	40.0	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	21 0	--	--
Trichloroethene	--	--	--	52.0	30 0	--	--	--	--	--	--	--	23.0	91 0 D	10.0	--
Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	18.0	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	6100 0 J	--	--	--	--
SEMIVOLATILES	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Naphthalene	--	--	--	--	--	--	--	--	--	--	140.0 D	1200.0	--	--	--	--
2-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	32.0 D	4800 0	--	--	--	--
Phenanthrene	--	--	--	--	--	1400.0	--	780 0	--	--	--	1300 0	--	--	--	--
Fluoranthene	--	--	--	--	--	1900 0	--	1000 0	--	--	--	--	--	--	--	--
Pyrene	--	--	--	--	--	1700.0	--	850 0	--	--	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	1000 0	--	--	--	--	--	--	--	--	--	--
Chrysene	--	--	--	--	--	950.0	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--	--	1200 0	--	--	350.0 J	--	--	--	--	--	--	--
Benzo(k)fluoranthene	--	--	--	--	--	580.0	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	--	--	--	--	--	800 0	--	--	--	--	--	--	--	--	--	--
INORGANICS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Aluminum	8930 0	9470 0	5880 0	7440.0	8930 0	7320 0	5830.0	9690 0	11200.0	--	14200.0	30000.0	12300.0	14900.0	--	--
Antimony	--	--	--	--	--	--	99.50	--	--	--	300 0	210.0	402.0	--	--	--
Barium	152.0 J	276.0 J	56 70 J	105.0 J	151 0 J	102.0 J	82.40 J	136.0 J	305 0	59.0	308.0	423.0	313.0	120.0 B	182.0	--
Calcium	--	--	23400 0 J	--	--	--	--	--	--	--	--	389000 0	522000 0	--	--	--
Cobalt	--	13.80	9 90	24 40	11 90	18 80	13 0	--	--	--	--	50.0	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	285 0	178.0	--	--	--	--
Magnesium	--	--	13600.0 J	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	3320 0	4520 0	1950 0	1040 0	963 0	--
Mercury	0 10	--	--	--	--	--	--	--	0 670	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	450.0	397 0	--	31 0	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	18300 0	18600.0	12500 0	23100.0	--	--
Sodium	--	-	--	--	--	--	--	--	--	--	--	--	22900.0	--	31500 0	--
Vanadium	--	--	--	--	--	--	--	--	--	--	54 0	71.0	--	--	15 0	--
Zinc	--	--	--	--	--	--	--	-	--	--	112.0	208.0	--	--	--	--
Cyanide	--	--	2.30	--	--	--	--	--	1 10	--	--	--	--	--	--	--
Sulfat	--	--	52 10	--	132.0	154 0	107 0	613.20	--	--	--	--	--	--	--	--
Sulfide	--	--	--	--	--	--	--	--	--	--	--	--	6860.0	9130.0	6290 0	--
TENTATIVELY IDENTIFIED COMPOUNDS	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Benzaldehyde	--	--	--	270.0	330.0	530 0	--	820 0	--	--	--	--	--	--	--	--
Benzo[B]Thiophene	--	--	--	--	--	--	--	--	--	--	4 0	--	--	--	--	--
1,3,5-Cycloheptatriene	--	--	--	--	--	--	830.0	--	--	--	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--	--	--	--	--	--	--	--	14 0	--	--
1-Ethyl-3-Methyl-Benzene	--	--	--	--	--	--	--	--	--	--	--	29000.0	--	--	--	--
3-Methyl-3-Buten-2-One	--	--	--	410.0	530 0	1600 0	1100 0	--	--	--	--	--	--	--	--	--
Methyl Cyclopentane	--	--	--	--	--	--	--	--	--	--	--	--	--	23.0	--	--
3-Methyl-Hexane	--	--	--	--	--	--	--	--	--	--	--	650 0	--	--	--	--
Undecane	--	--	--	--	--	--	--	--	--	--	--	5200.0	--	--	--	--

4 IDENTIFICATION OF SOURCES

4 1 INTRODUCTION

This section discusses the various hazardous waste sources which have been identified in the initial stages of the CERCLA site investigation

Information concerning the size, volume and waste composition of each source has been derived throughout the initial site assessment and the screening site inspection sampling action It should be pointed out however, that the total number and nature of each of the sources identified below may be subject to change, as the site progresses through the CERCLA site investigation program and receives further investigation

4 2 DRUM DISPOSAL AREA

In June of 1989, Kaney had employed Frinks Industrial Waste, Inc (FIW) to excavate some buried drums The excavation took place on the southwestern side of Kaney's property Approximately 40 complete drums, 30 drum fragments and ten 5-gallon buckets were found in this area

The following table displays some of the organic compounds that were revealed through a series of analytical results These samples were taken in June and July of 1989 in correlation to the drum excavation

TABLE 4-1

Compound	Concentration	Location
Methylene Chloride	0 008 PPM	Soil Boring

1,2-Dichloroethane	0 005	PPM	Soil Boring
Ethyl Benzene	0 014	PPM	Soil Boring
Dichlorodifluorometha	0 025	PPM	Soil Boring
Acetone	0 85	PPM	Soil Pile
Methyl Ethyl Ketone	980 0	PPM	Composite liquid sample from drums
1,1,1-Trichloroethane	70 0	PPM	Composite liquid sample from drums
Butyl Acetate	1100 0	PPM	Composite liquid sample from drums
Xylene	200 0	PPM	Composite liquid sample from drums
Naphthalene	110 0	PPM	Composite liquid sample from drums
Methanol	640 0	PPM	Composite solid waste sample from drums
Toluene	40 0	PPM	Composite solid waste sample from drums
Benzyl Butyl Phthalate	94 0	PPM	Composite solid waste sample from drums

4 3 UNDERGROUND STORAGE TANKS

Three underground storage tanks were removed from the Kaney Transportation, Inc facility in July of 1989 The removal consisted of one 550-gallon tank and two 275-gallon tanks

The 550-gallon tank had been buried on the west side of the dispatch building It had been employed to store waste oil Table 4-2 highlights the contaminants derived from samples taken in July of 1989 during this excavation

TABLE 4-2

Compound	Concentration	Location
Tetrachloroethene	0 008 PPM	West excavation
Benzyl Butyl Phthalate	1 70 PPM	West excavation
Di-n-Butylphthalate	0 37 PPM	West excavation
Phenanthrene	2 40 PPM	Floor of west excavation
Methylene Chloride	91 0 PPM	Sludge in waste oil tank
Acetone	660 0 PPM	Sludge in waste oil tank
Trichloroethene	180 0 PPM	Sludge in waste oil tank
Toluene	440 0 PPM	Sludge in waste oil tank
Ethylbenzene	880 0 PPM	Sludge in waste oil tank
Xylene	3200 0 PPM	Sludge in waste oil tank

The two 275-gallon tanks were removed from the opposite side of the dispatch building These tanks had been storing solvent They were installed sometime in 1970 or 1971 and used until the mid to late 70's These tanks were observed leaking their contents during removal

The following table denotes some of the organic compounds that were found during the excavation of the solvent tanks

TABLE 4-3

Compound	Concentration	Location
Methanol	0 092 PPM	Stockpile east excavation
2-Ethoxyethanol Acetate	8 90 PPM	Stockpile east excavation
Acenaphthene	0 65 PPM	Stockpile east excavation
Fluoranthene	0 80 PPM	Stockpile east excavation

Fluorene	1 40	PPM	Stockpile east excavation
Isophorone	0 52	PPM	Stockpile east excavation
N-Nitrosodiphenylamine	1 40	PPM	Stockpile east excavation
Phenanthrene	3 10	PPM	Stockpile east excavation
Pyrene	0 80	PPM	Stockpile east excavation
1,2-Dichloroethene	0 16	PPM	Floor of east excavation
Acetone	2 60	PPM	Stockpile east excavation
Trichloroethene	330000 0	PPM	Composite from east tanks
Toluene	28000 0	PPM	Composite from east tanks
Xylene	74000 0	PPM	Composite from east tanks
Methylene Chloride	>250 0	PPM	Composite from east tanks
Chloroform	460 0	PPM	Composite from east tanks
1,1,1-Trichloroethane	520 0	PPM	Composite from east tanks
Carbon Tetrachloride	980 0	PPM	Composite from east tank
Tetrachloroethene	2100 0	PPM	Composite from east tanks
Ethylbenzene	8600 0	PPM	Composite from east tanks

There was no sampling done from the tank areas during the CERCLA Screening Site Inspection because of former excavations

4 4 CONTAMINATED SOILS

Due to the fact that Kaney Transportation, Inc has a history of buried drums and tanks, there exists the potential of contaminated soils on site In the 1989 excavations, known containers and approximately 300 yards of contaminated soils were removed However, records indicate that several of these containers were in poor condition and were leaking

Records also imply that not all of the contaminated soils were removed Although the on site soil sample from the CERCLA SSI showed nondetect for VOC's, there remains a potential for contaminated soils on Kaney property

4 5 LAGOON

Aerial photographs show the presence of the on site lagoon as early as April of 1974 (see Figure 2-3 for aerial photograph) Until March of 1979, the lagoon was used to contain the waste wash water that had been used to clean both the exterior and interior of the facility's trucks These trucks had carried substances such as gasoline, fuel oil, propane, resins, asphalt, varnishes, latexes and paints

IEPA records indicate that approximately 300 gallons of wastes were released into the lagoon per week The lagoon measures approximately 100'x100'x8' At different times the lagoon was observed overflowing The effluent made its way downstream to a private pond located approximately 1,200 feet downstream In March of 1979, Kaney discontinued the internal washing of it trailers In November of 1981, the

IEPA Permits Section gave Kaney Transportation permission for the installation of two stainless steel holding tanks Instead of the lagoon holding the external wash water, the tanks would contain it The tanks were placed in the lagoon area Sample X104 was taken from the floor of the lagoon at a depth of 6 inches to 2 feet deep Sampling at a deeper level was not carried out due to the fact that the lagoon

supposedly has a clay base with an impermeable industrial liner covering the clay base Disruption of this layer could have brought forth a worse case scenario for this site Because of this, potential hazardous contaminants lying below the liner were unattainable

5 MIGRATION PATHWAYS

5 1 INTRODUCTION

This section includes information that may be useful in analyzing the Kaney Transportation, Inc facility's impact on the four migration pathways identified in CERCLA's hazard ranking system (HRS) The migration pathways which will be analyzed in this section include groundwater, surface water, air and soil exposure

5 2 GROUNDWATER PATHWAY

The Quarternary System of Winnebago County, approximately 20 feet thick, is constituted by emplacements of the Wisconisinan Cahokia Alluvium and Illinoian Argyle Till According to the Handbook of Illinois Stratigraphy (published in 1975) the absence of the Silurian and Maquoketa Group in this region is attributable to erosion Beneath the Quarternary System lie dolomites of the Galena and Platteville Groups The Ancell Group is the base of the Ordovician System It is made up of a thin layer of the Glenwood Formation overlying the St Peter Sandstone Next in the stratigraphic column is the Cambrian System This consists of Potosi, Franconia, Ironton-Galesville, Eau Claire and the Mt Simon Formation At approximately 2,650 feet below the surface lies the Precambrian basement

Kaney Transportation, Inc property's elevation ranges from approximately 812 to 821 feet above mean sea level Sitting atop the Galena Platteville Group lie the surface

soils down to approximately 10 feet which consist of silty clays However, not as much clay is found near the southern end of the facility because of erosion It is not uncommon to find a moist to wet sand layer adjacent to the surficial soils Silt is the primary ingredient from 10 feet to about 28 feet For the next six feet the loam turns sandy and contains clay, silt, gravel and cobbles

Regional well logs document drinking wells using water at depths ranging any where from 34 to 308 feet deep However, because available documentation indicates this aquifer does not have a confining layer, it may be considered a continuous aquifer

The nearest municipal well lies less than two miles away This public well serves the city of Rockford

Residents and private industries in the area of Kaney use Drive water from private wells The Kaney facility on Cunningham has a deep well that is used for drinking water This well was installed in the fall of 1991 Use of drinking water from the original well was discontinued due to contamination

The closest residential well belongs to the non-responsive It lies approximately 50' east of the Kaney facility In January of 1986, the Illinois Department of Public Health (IDPH) sampled two residential private wells for volatile inorganic compounds (VOC's) and the Winnebago County Health Department (WCHD) sampled four private residential wells and two industrial wells for purgeable organic carbons (POC) and

purgeable organic halides (POX) Following the sampling, WCHD recommended to the four residential owners that water sources other than their own wells should be used During a meeting in March of 1986, several of the neighboring petroleum companies agreed to supply bottled water to the residents with contaminated wells Each of the residential homes was supplied with 18 gallons of water per every two weeks

In October of 1991 a PRP (potentially responsible party)-group, Kaney inclusive, began the installation of new private wells into the St Peter Sandstone in attempts to provide safe drinking water to the residents with contaminated wells

The first of these wells installed was at the non-responsive residence Five consecutive weekly samplings indicated that there were no volatile organic compounds (VOC's) above detection limits

The next well installed was at the non-responsive residence This residence is found at the northeast corner of the intersection of Cunningham Road and Meridian Road This well was completed in the St Peter Sandstone Analytical results showed much higher levels of VOC's in the new well than in the shallow well at this location

An IEPA source indicated that following the sampling of the non-responsive new deep well and the discovery of contamination, the PRP-group decided to not install any more of the residential wells Currently, the PRP-group is proposing to buy the non-responsive and possibly the non-responsive

properties

During the November 1991 CERCLA SSI for Kaney, samples were taken from four onsite monitoring wells and two residential wells (see Figures 3-1 and 3-2 for locations) The non-responsive' well was to be sampled from also, but this was not possible at the time of the sampling event

Analytical data from the on site monitoring wells shows the presence of inorganic compounds that were detected at three times above background, volatiles, semivolitles and TIC's (tenatively identified compounds) Analytical results from samples G202 and G203 (the residential wells) indicate the occurrence of four compounds also found in the on site monitoring wells These include the following Toluene, Benzene, Trichloroethene and 1,2-Dichloroethene(total)

Sample G203 was taken from the non-responsive well The analytical results registered Trichloroethene at 10 PPB The MCL (maximum contaminant level) for Trichloroethene is 5 PPB The MCL for Benzene is 5 PPB This sample indicated Benzene as being at a level of 6 PPB One other volatile, 1,2-Dichloroethene, was found in sample G203 at 40 PPB The MCL for this compound is 70 PPB

5.3 SURFACE WATER PATHWAY

Approximately 100' east of the lagoon area is an unnamed creek This stream flows approximately 400 yards downstream to a private pond, known as Zander's Pond, owned by the non-responsive Prior to indications of contamination,

the pond had been used for fishing and boating Contamination was determined because of the odd tasting fish, the discoloration of the pond (which originated from the unnamed creek) and a large number of dead fish This is where the overflows from the lagoon discharged into in the late 1970's

From Zander's Pond the creek continues flowing in a northeastwardly direction until it runs into the North Fork Kent Creek This creek flows to the south for approximately 260 yards at which point it turns east The North Fork Kent Creek flows directly into Levings Lake After leaving Levings Lake this water body feeds into the Rock River Refer to Figure 2-5 for the surface water route According to Richard Lutz, of the Illinois Department of Conservation (IDOC), the Rock River supports a fishery for important game fish species The Rock River is classified as a Highly Valued Aquatic Resource Any discharge or runoff from the site could pose a threat to these natural resources There are no surface water intakes documented within 15 miles downstream of the surface water route

The sensitive environments of concern for the Kaney Transportation, Inc site include the wetlands of the area According to Soil Conservation Service (SCS) maps, there are approximately 11 acres of wetlands within a 1/4 mile radius of Kaney and 25 acres of wetlands between a 1/4 mile and 1/2 mile radius of Kaney Wetlands are also found along the 15-mile surface water pathway

During the November 1991 CERCLA SSI three sediment

samples were taken from the unnamed creek and two sediment samples were taken from the pond Results of samples X105 and X106, taken from the unnamed creek, revealed the presence of Trichloroethene Analytical data from sample X107, also taken from the unnamed creek, documents the presence of several semivolatiles, six which are carcinogenic PNA's (polynuclear aromatic hydrocarbons) The samples taken from the pond indicate the occurrence of volatile and semivolatile contaminants Four of these contaminants found in X109 are carcinogenic PNA's Locations of the aforementioned samples can be found in Figure 3-2 of this report

Kaney Transportation, Inc is located outside of the 500 year flood boundary according to the National Flood Insurance Rate Maps

5 4 AIR PATHWAY

During the CERCLA Screening Site Inspection, no documented releases to the air were observed A photo-ionization detector (HNU) with an 11 7 eV lamp was used to determine the presence of certain airborne contaminants The HNU was used at various locations during soil/sediment and groundwater sampling activities While bailing monitoring well G102, the HNU read at a level of 300 units Due to the enhanced potential of inhaling contaminants from the breathing zone, samplers put on respirators and then resumed sampling procedures

Although the two on site soil samples may indicate that a

threat for windblown particulates to be carried off site is negligible, historical records document the presence of contaminated soils on site and therefore should be considered a possibility

5 5 SOIL EXPOSURE PATHWAY

Soil/Sediment samples collected during the Screening Site Inspection suggest a potential for direct contact with hazardous constituents The Kaney facility has an approximately seven foot high chain-link fence that runs along the western and northern perimeters of the facility The north fence has a gate incorporated into it which is used for entrance onto Kaney property The eastern perimeter has a wooden fence running approximately a quarter of the way down from Cunningham Road The southern perimeter has a wire fence that is approximately three feet high The lagoon area is completely enclosed by a chain-link fence

There are approximately five people that work at the Kaney facility Two of these are Kaney employees The other three work for a company that rents space from Kaney There are also approximately six truck drivers that work for Kaney which are occasionally on site

Samples X101 and X104 were the two onsite soil samples These samples showed nondetect for VOC's Nonetheless, the historical records document the presence of contaminated soils on site Thus, the soil pathway should be considered as a potential source of contamination to those on site

6 BIBLIOGRAPHY

Illinois Environmental Protection Agency, 1990, Potential Hazardous Waste Site Preliminary Assessment for Kaney Transportation, Inc , ILD064006901, prepared by Sheila Murphy, Springfield, IL

Illinois State Geological Survey, 1956, Groundwater in Northwestern Illinois, Circular 207

Illinois State Geological Survey, 1975, Handbook of Illinois Stratigraphy, Bulletin 95

U S Census Bureau, 1990, Average persons-per-household in Lake County, Illinois

U S Department of Housing and Urban Development, 1980, Flood Insurance Rate Map, Winnebago County, Illinois

U S G S , 1971, Kishwaukee, IL Quadrangle, 7 5 Minute Series

U S G S , 1971, Rockford North, IL Quadrangle, 7 5 Minute Series

U S G S , 1971, Rockford South, IL Qudrangle, 7 5 Minute Series

U S G S , 1971, Winnebago, IL Quadrangle, 7 5 Minute Series

APPENDIX A

SITE FOUR MILE RADIUS MAP

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

N

SITE NAME: Kaney Transportation.

SITE ILDI: D64 0069 01

USGS TOPOGRAPHIC MAPS

NAME: Winnebago	NAME: Rockford North
DATE: 1971	DATE: 1971
REVISED: 1976	REVISED: 1976
NAME: Kishwaukee	NAME: Rockford South
DATE: 1971	DATE: 1971
REVISED:	REVISED: 1976

LEGEND

- SITE LOCATION
- PUBLIC WELL
- PRIVATE WELL
- SURFACE WATER INTAKE

ILLINOIS

QUADRANGLE LOCATION

MAP SCALE: 1 0

GREATER ROCKFORD

APPENDIX B

U S EPA FORM 2070-13

Site Inspection Report

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 SITE LOCATION AND INSPECTION INFORMATION

EPA

I IDENTIFICATION
01 STATE: IL | 02 SITE NUMBER: D064006901

II SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER				
Kaney Transportation Inc	7222 Cunningham Road				
03 CITY	**04 STATE**	**05 ZIP CODE**	**06 COUNTY**	**07 COUNTY CODE**	**08 CONG DIST**
Rockford	IL	61102	Winnebago	201	IL-16

09 COORDINATES: LATITUDE 89° 10' 39" | LONGITUDE 42° 15' 35"

10 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL _____ ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER _____ ☐ G. UNKNOWN

III INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION
11, 6, 91 (MONTH DAY YEAR)	☒ ACTIVE ☐ INACTIVE	1971-2 / present (BEGINNING YEAR / ENDING YEAR) ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)
☒ A. EPA ☐ B. EPA CONTRACTOR _____ (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR _____ (Name of firm)
☐ E. STATE ☐ F. STATE CONTRACTOR _____ (Name of firm) ☐ G. OTHER _____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO
Sheila Murphy	Life Science Career Trainee	IEPA	(217) 782-6760
09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO
Greg Dunn	Environmental Protection Specialist	IEPA	(217) 782-6760
Ken Corkill	Environmental Protection Specialist	IEPA	(217) 782-6760
Kim Nika	Environmental Protection Specialist	IEPA	(217) 782-6760
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
Michelle Susic / Mittelhauser Corp	Staff Geologist	1240 Iroquois Naperville, IL 60563	(708) 369-0201
Richard Bell	President	15155 S. Meridian Rockford	(815) 962-4026
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT	10 20 AM	Cloudy, windy + Cold ~15°

IV INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO
Michelle Susic	Mittelhauser Corporation	(708) 369-0201

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Sheila Murphy	IEPA	RPM2	(217) 782-6760	11, 7, 91 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D064006901

II WASTE STATES QUANTITIES AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [X] A SOLID
- [ ] B POWDER FINES
- [X] C SLUDGE
- [ ] D OTHER (Specify)
- [ ] E SLURRY
- [X] F LIQUID
- [ ] G GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS _____

CUBIC YARDS _____

NO OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- [X] A TOXIC
- [ ] B CORROSIVE
- [ ] C RADIOACTIVE
- [ ] D PERSISTENT
- [ ] E SOLUBLE
- [ ] F INFECTIOUS
- [ ] G FLAMMABLE
- [ ] H IGNITABLE
- [ ] I HIGHLY VOLATILE
- [ ] J EXPLOSIVE
- [ ] K REACTIVE
- [ ] L INCOMPATIBLE
- [ ] M NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	UnKnown		1989 excavation, 2
OLW	OILY WASTE			275 gallon tanks, 1 550
SOL	SOLVENTS			gallon tank, ~40 whole
PSD	PESTICIDES			drums, 30 drum fragments,
OCC	OTHER ORGANIC CHEMICALS			10 5 gallon buckets + ~300
IOC	INORGANIC CHEMICALS			yards of contaminated soil
ACD	ACIDS			were removed
BAS	BASES			
MES	HEAVY METALS			

IV HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

SEE SAMPLE SUMMARY

TABLE IN APPENDIX F

V FEEDSTOCKS (See appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

IEPA Bureau of Land Files
IEPA Division of Water Files
CERCLA Site Inspection Analytical Results
SSI Conducted November 6 & 7, 1991

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: IL | 02 SITE NUMBER: D064006901

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ■ A GROUNDWATER CONTAMINATION w/1/4 miles | 02 ■ OBSERVED (DATE. _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED ~41,000 | 04 NARRATIVE DESCRIPTION
Since January of 1986 there has been known contamination to groundwater in the vicinity of the site Samples taken from Kaney monitoring wells in 1990 documented Contamination at the site The 1991 CERCLA SSI indicated contamination on+ off site

01 ■ B SURFACE WATER CONTAMINATION | 02 ■ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ | 04 NARRATIVE DESCRIPTION
Sediment samples indicate contamination to an unnamed creek + a residential pond (Contamination may extend further than this)

01 ☐ C CONTAMINATION OF AIR | 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ | 04 NARRATIVE DESCRIPTION
None documented or observed

01 ☐ D FIRE/EXPLOSIVE CONDITIONS | 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ | 04 NARRATIVE DESCRIPTION
None documented or observed

01 ■ E. DIRECT CONTACT | 02 ☐ OBSERVED (DATE. _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ | 04 NARRATIVE DESCRIPTION
In 1989 soils were excavated from the Kaney facility Records imply that Contaminated Soil may still exist on site

01 ■ F CONTAMINATION OF SOIL | 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED _____ (Acres) | 04 NARRATIVE DESCRIPTION
Although ~300 yards of contaminated soil were removed, files document the potential for contaminated soils to still be present on site

01 ■ G DRINKING WATER CONTAMINATION ~40 | 02 ■ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ | 04 NARRATIVE DESCRIPTION
Since March of 1986 a PRP-group (including Kaney) has been providing nearby homes w/ 18 gallons of bottled H_2O per week CERCLA SSI sample results Show Contamination in ground water, including residential wells

01 ■ H WORKER EXPOSURE/INJURY | 02 ☐ OBSERVED (DATE. _____) ■ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED ~11 | 04 NARRATIVE DESCRIPTION
There is a potential for workers at Kaney to be exposed to contaminants either by soil or ground (drinking) water None documented or observed

01 ☐ I POPULATION EXPOSURE/INJURY | 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ | 04 NARRATIVE DESCRIPTION
None documented or observed

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D064006901

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ■ J DAMAGE TO FLORA 02 ☐ OBSERVED (DATE. _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None documented or observed, however, wetlands are situated in the vicinity of Kaney + downstream

01 ■ K DAMAGE TO FAUNA 02 ■ OBSERVED (DATE. _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include names of species)
In January 1990 (+date) the residential pond had fish in it About this time an odd petroleum-like taste was noticed in the fish Soon following, all of the fish died

01 ■ L CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE. _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Fishing used to be done in the residential pond + was consumed After indications of contamination, this practice was discontinued

01 ■ M UNSTABLE CONTAINMENT OF WASTES 02 ☐ OBSERVED (DATE. _____) ☐ POTENTIAL ☐ ALLEGED
(Spills/Runoff/Standing liquids, Leaking drums)
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
Past records indicate that in the 1970's the lagoon was observed overflowing onto the unnamed creek with contaminated wastes

01 ■ N DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Residential wells and the residential pond are no longer usable for their intended purposes due to contamination

01 ■ O CONTAMINATION OF SEWERS STORM DRAINS WWTPs 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
In 1977 Kaney was prohibited from the Rockford Sanitary District for the disposal of effluent discharge from the on site lagoon

01 ☐ P ILLEGAL/UNAUTHORIZED DUMPING 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None documented or observed

05 DESCRIPTION OF ANY OTHER KNOWN POTENTIAL OR ALLEGED HAZARDS

III TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV COMMENTS

V SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analyses, reports)

IEPA Bureau of Land files
IEPA Division of Water Files
CERCLA Site Inspection
USGS Topographic Maps
ISWS
Phone Conversations

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 PERMIT AND DESCRIPTIVE INFORMATION

I IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D064006901

II PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A NPDES				
☐ B UIC				
☐ C AIR				
☐ D RCRA				
☐ E RCRA INTERIM STATUS				
☐ F SPCC PLAN				
☒ G STATE (Specify) IEPA Permit Sec.		Nov 1981		Permit for 2 stainless steel holding tanks in lagoon area
☐ H LOCAL (Specify)				
☐ I OTHER (Specify)				
☐ NONE				

III SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☒ A SURFACE IMPOUNDMENT	~3000	cu yds
☐ B PILES		
☐ C DRUMS ABOVE GROUND		
☒ D TANK ABOVE GROUND	6, 2are ~6,000	gallons
☐ E TANK BELOW GROUND		
☐ F LANDFILL		
☐ G LANDFARM		
☐ H OPEN DUMP		
☐ I OTHER (Specify)		

04 TREATMENT (Check all that apply)

- ☐ A INCENERATION
- ☐ B UNDERGROUND INJECTION
- ☐ C CHEMICAL/PHYSICAL
- ☐ D BIOLOGICAL
- ☐ E WASTE OIL PROCESSING
- ☐ F SOLVENT RECOVERY
- ☐ G OTHER RECYCLING/RECOVERY
- ☐ H OTHER (Specify)

05 OTHER

- ☒ A BUILDINGS ON SITE

06 AREA OF SITE

~5 (Acres)

07 COMMENTS

IV CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☒ A ADEQUATE, SECURE ☐ B MODERATE ☐ C INADEQUATE POOR ☐ D INSECURE UNSOUND DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING LINERS BARRIERS ETC

The wash water from the outside of the tanks is held in the two tanks in the lagoon The lagoon is supposed to have a liner in its base

V ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE. ☐ YES ☒ NO

02 COMMENTS Unless Contaminated soil

VI SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

IEPA Bureau of Land files
IEPA Division of Water files
CERCLA Preliminary Reconnassance Visit
CERCLA SSI

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D064006901

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)	SURFACE	WELL	02 STATUS: ENDANGERED	AFFECTED	MONITORED	03 DISTANCE TO SITE
COMMUNITY	A ☐	B ☐	A ☐	B ☐	C ☐	A _____ (mi)
NON-COMMUNITY	C ☐	D ☒	D ☐	E ☒	F ☒	B. 2 1/4 (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☒ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER	03 DISTANCE TO NEAREST DRINKING WATER WELL
W/i 1/2 mile ~70	onsite (mi)

Depth TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURCE AQUIFER
~35 (ft)	northeast	~35 (ft)	_____ (gpd)	■ YES ☐ NO

09 DESCRIPTION OF WELLS (Including useage, depth, and location relative to population and buildings)

The wells in this area are generally put into the shallow aquifer (sands + gravels + limestone) or the deep St Peter Sandstone However, these two may be one continuous aquifer

10 RECHARGE AREA		11 DISCHARGE AREA	
☐ YES ■ NO	COMMENTS	☐ YES ■ NO	COMMENTS

IV SURFACE WATER

01 SURFACE WATER USE (Check one)

■ A. RESERVOIR, RECREATION, DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
Unnamed Creek	■	~100 feet (mi)
Zander's Pond - residential	■	~1/4 (mi)
North Fork Kent Creek	☐ ?	~1/2 (mi)

V DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A ~130 NO. OF PERSONS	B ~3,650 NO. OF PERSONS	C ~13,550 NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION: ~40 feet (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE	04 DISTANCE TO NEAREST OFF-SITE BUILDING
>500	~40 feet (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g. rural, village, densely populated urban area)

The population in the vicinity of Kaney is made up of workers in neighboring industries (including Kaney) + residen

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 WATER DEMOGRAPHIC AND ENVIRONMENTAL DATA

I IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D064006901

VI ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A 10^{-6} – 10^{-8} cm/sec ■ B 10^{-} – 10^{-6} cm/sec ☐ C 10^{-} – 10^{-3} cm/sec ☐ D GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A IMPERMEABLE (Less than 10^{-6} cm/sec) ■ B RELATIVELY IMPERMEABLE (10^{-4} – 10^{-6} cm/sec) ☐ C RELATIVELY PERMEABLE (10^{-2} – 10^{-} cm/sec) ☐ D VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH	
~30 (ft)	estimated 14 (ft)	unknown	

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE		
		SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
~2 (in)	2.5 (in)	2.5 %	South	6.7 %

09 FLOOD POTENTIAL
SITE IS IN out of 500 year YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND COASTAL HIGH HAZARD AREA RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

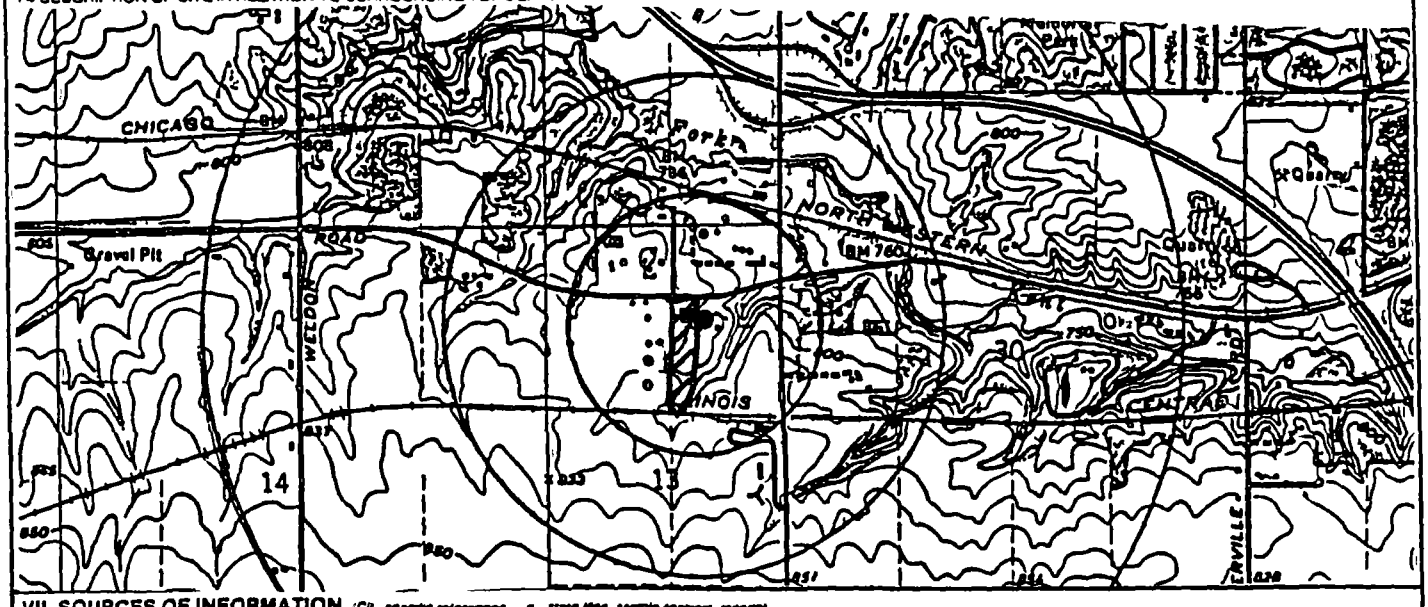
ESTUARINE	OTHER
A NA (mi)	B ~120 feet (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)
No Known endangered species (mi)
ENDANGERED SPECIES

13 LAND USE IN VICINITY

DISTANCE TO COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS NATIONAL/STATE PARKS FORESTS OR WILDLIFE RESERVES	AGRICULTURAL LANDS PRIME AG LAND	AG LAND
A 0 (mi)	B ~40 feet (mi)	C ~200 feet (mi)	D (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY



VII SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analyses, reports)

IEPA Bureau of Land files
U S G S Topographic Map
Flood Insurance Rate Map
Illinois Department of Conservation
SCS Wetland Maps

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 SAMPLE AND FIELD INFORMATION

I IDENTIFICATION	
01 STATE	02 SITE NUMBER

II SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	6	ARDL Laboratory, Mt Vernon, IL	May 1992
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL /Sediment	9	ARDL Laboratory, Mt Vernon, IL	May 1992
VEGETATION			
OTHER			

III FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
(HNU) Photoionization Detector	Sample G102 read 300 units over background

IV PHOTOGRAPHS AND MAPS

01 TYPE ■ GROUND ■ AERIAL

02 IN CUSTODY OF Illinois EPA
Name of organization or individual

03 MAPS ■ YES ☐ NO

04 LOCATION OF MAPS IEPA Springfield, IL

V OTHER FIELD DATA COLLECTED (Provide narrative description)

See CERCLA SSI Report

VI SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

CERCLA Screening Site Inspection

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 OWNER INFORMATION

I IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D064006901

II CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER
Bell Leasing Company			

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD, etc.)	11 SIC CODE
1515 S. Meridian			

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
Rockford	IL	61102			

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

III PREVIOUS OWNER(S) (List most recent first) / IV REALTY OWNER(S) (If applicable; list most recent first)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
Ed Kaney			

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE
7222 Cunningham			

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
Rockford	IL	61102			

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 OPERATOR INFORMATION

I IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D064006901

II CURRENT OPERATOR (Provide if different from owner)

01 NAME	02 D+B NUMBER
Richard Bell	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
1515 S Meridian	

05 CITY	06 STATE	07 ZIP CODE
Rockford	IL	61102

08 YEARS OF OPERATION	09 NAME OF OWNER
Total ~20	Bell Leasing Company

OPERATOR'S PARENT COMPANY (If applicable)

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

III PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

01 NAME	02 D+B NUMBER
Ron Bell	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
1515 S. Meridian	

05 CITY	06 STATE	07 ZIP CODE
Rockford	IL	61102

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD
	Bell Leasing Company

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

IV SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D064006901

II ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
Kaney Transportation, Inc.	

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE
7222 Cunningham Rd	

05 CITY	06 STATE	07 ZIP CODE
Rockford	IL	61102

Kaney is a small quantity generator

III OFF SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

IV TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
Kaney Transportation, Inc			

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE
7222 Cunningham Rd			

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
Rockford	IL	61102			

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

IEPA Bureau of Land Files

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE: IL | 02 SITE NUMBER: D064006901

II PAST RESPONSE ACTIVITIES

01 ■ A WATER SUPPLY CLOSED — 02 DATE 1986 — 03 AGENCY
04 DESCRIPTION
Several private residential + industrial wells in the area have been closed due to contamination

01 ■ B TEMPORARY WATER SUPPLY PROVIDED — 02 DATE — 03 AGENCY
04 DESCRIPTION 18 gallons/every two weeks have been provided to proximal residents by PRP-group

01 ■ C PERMANENT WATER SUPPLY PROVIDED — 02 DATE — 03 AGENCY
04 DESCRIPTION Some new wells have been installed to replace contaminated wells (Not all new wells can be used)

01 ■ D SPILLED MATERIAL REMOVED — 02 DATE — 03 AGENCY
04 DESCRIPTION The materials in the lagoon + in area of buried drums has been removed

01 ■ E CONTAMINATED SOIL REMOVED — 02 DATE 1989 — 03 AGENCY
04 DESCRIPTION ~300 yards of contaminated soils were removed

01 □ F WASTE REPACKAGED — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ G WASTE DISPOSED ELSEWHERE — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 ■ H ON SITE BURIAL — 02 DATE 1989 — 03 AGENCY
04 DESCRIPTION Drums + tanks were excavated the summer of 1989

01 □ I IN SITU CHEMICAL TREATMENT — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ J IN SITU BIOLOGICAL TREATMENT — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ K IN SITU PHYSICAL TREATMENT — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ L ENCAPSULATION — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ M EMERGENCY WASTE TREATMENT — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ N CUTOFF WALLS — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ O EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ P CUTOFF TRENCHES/SUMP — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

01 □ Q SUBSURFACE CUTOFF WALL — 02 DATE — 03 AGENCY
04 DESCRIPTION NA

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D064006901

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R BARRIER WALLS CONSTRUCTED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ S CAPPING/COVERING — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION In December 1980 the IEPA verified that Kaney had complied w/ instructions to install a clay base of no less than one foot deep for the lagoon floor w/ an impermeable industrial liner over it

01 ☐ T BULK TANKAGE REPAIRED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ U GROUT CURTAIN CONSTRUCTED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ V BOTTOM SEALED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ W GAS CONTROL — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ X FIRE CONTROL — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ Y LEACHATE TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ Z AREA EVACUATED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ 1 ACCESS TO SITE RESTRICTED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ 2 POPULATION RELOCATED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
NA

01 ☐ 3 OTHER REMEDIAL ACTIVITIES — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION
None

III SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

IEPA Bureau of Landfills

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 ENFORCEMENT INFORMATION

I IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D006006901

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☒ YES ☐ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

The IEPA instructed Kaney to remove + properly dispose of all contaminated solid wastes, liquid wastes + sludges from the lagoon Kaney also had to install a clay base of no less than one foot deep for the lagoon floor + an impermeable industrial liner to cover the clay base The IEPA verified these settlement conditions on December 12, 1980

III SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

IEPA files

EPA FORM 2070-13 (7 81)

APPENDIX C

TARGET COMPOUND LIST

TARGET COMPOUND LIST

Volatile Target Compounds

Chloromethane
Bromomethane
Vinyl Chloride
Chloroethane
Methylene Chloride
Acetone
Carbon Disulfide
1,1-Dichloroethene
1,1-Dichloroethane
1,2-Dichloroethene (total)
Chloroform
1,2-Dichloroethane
2-Butanone
1,1,1-Trichloroethane
Carbon Tetrachloride
Vinyl Acetate
Bromodichloromethane
1,2-Dichloropropane
cis-1,3-Dichloropropene
Trichloroethene
Dibromochloromethane
1,1,2-Trichloroethane
Benzene
trans-1,3-Dichloropropene
Bromoform
4-Methyl-2-pentanone
2-Hexanone
Tetrachloroethene
1,1,2,2-Tetrachloroethane
Toluene
Chlorobenzene
Ethylbenzene
Styrene
Xylenes (total)

Base/Neutral Target Compounds

Hexachloroethane
bis(2-Chloroethyl)Ether
Benzyl Alcohol
bis(2-Chloroisopropyl)Ether
N-Nitroso-Di-n-Propylamine
Nitrobenzene
Hexachlorobutadiene
2-Methylnaphthalene
1,2,4-Trichlorobenzene
Isophorone
Naphthalene
4-Chloroaniline
bis(2-chloroethoxy)Methane
Hexachlorocyclopentadiene
2-Chloronaphthalene
2-Nitroaniline
Acenaphthylene
3-Nitroaniline
Acenaphthene
Dibenzofuran
Dimethyl Phthalate
2,6-Dinitrotoluene
Fluorene
4-Nitroaniline
4-Chlorophenyl-phenylether
2,4-Dinitrotoluene
Diethylphthalate
N-Nitrosodiphenylamine
Hexachlorobenzene
Phenanthrene
4-Bromophenyl-phenylether
Anthracene
Di-n-Butylphthalate
Fluoranthene
Pyrene
Butylbenzylphthalate
bis(2-Ethylhexyl)Phthalate
Chrysene
Benzo(a)Anthracene
3,3'-Dichlorobenzidene
Di-n-Octyl Phthalate
Benzo(b)Fluoranthene
Benzo(k)Fluoranthene
Benzo(a)Pyrene
Indeno(1,2,3-cd)Pyrene
Dibenz(a,h)Anthracene
Benzo(g,h,i)Perylene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene

Acid Target Compounds

Benzoic Acid
Phenol
2-Chlorophenol
2-Nitrophenol
2-Methylphenol
2,4-Dimethylphenol
4-Methylphenol
2,4-Dichlorophenol
2,4,6-Trichlorophenol
2,4,5-Trichlorophenol
4-Chloro-3-methylphenol
2,4-Dinitrophenol
2-Methyl-4,6-dinitrophenol
Pentachlorophenol
4-Nitrophenol

Pesticide/PCB Target Compounds

alpha-BHC
beta-BHC
delta-BHC
gamma-BHC (Lindane)
Heptachlor
Aldrin
Heptachlor epoxide
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin Ketone
Endosulfan Sulfate
Methoxychlor
alpha-Chlorodane
gamma-Chlorodane
Toxaphene
Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260

Inorganic Target Compounds

Aluminum
Antimony
Arsenic
Barium
Beryllium
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Mercury
Nickel
Potassium
Selenium
Silver
Sodium
Thallium
Vanadium
Zinc
Cyanide
Sulfide
Sulfate

APPENDIX D

IEPA SITE PHOTOGRAPHS

INSPECTION PHOTOS

DATE: 11/6/91	SITE #: 2 0 1 0 3 0 0 0 1 1 CO.: Winnebago
TIME: ~ 11:55A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Ken CorKill

COMMENTS: Pictures taken toward: the north from northeast corner of Kaney sample G109

PHOTO #: 1

DATE: 11/6/91

TIME: ~11:55A

PHOTOGRAPH TAKEN BY: Ken CorKill

COMMENTS: Pictures taken toward: southwest from northeast corner of Kaney sample G109

PHOTO #: 2

INSPECTION PHOTOS

DATE: 11/6/92	SITE #: 201320011 CO.: Winnebago
TIME: ~1:05PM	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Ken CorKill

COMMENTS: Pictures taken toward: north along east property line of Kaney Sample G101

PHOTO #: 3

DATE: 11/6/92

TIME: ~1:05PM

PHOTOGRAPH TAKEN BY: Ken CorKill

COMMENTS: Pictures taken toward: West along east property line of Kaney Sample G101

PHOTO #: 4

INSPECTION PHOTOS

DATE: 11/6/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: ~3:15P	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: Westsouthwest toward Marathon Oil on northwest Corner of property

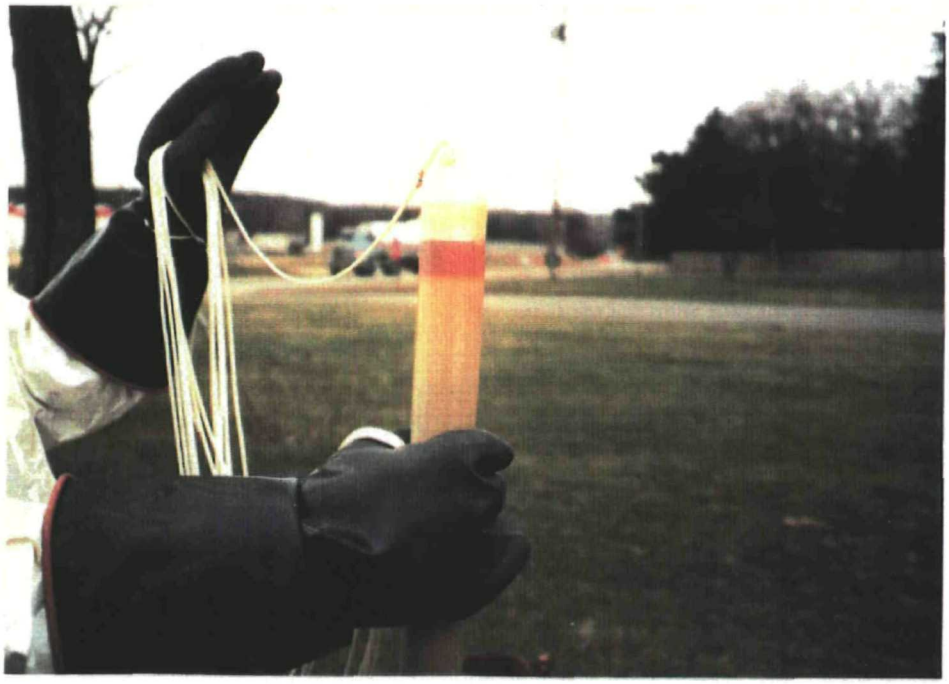
5 monitoring wells were observed in NE corner of Marathon PHOTO #: 5

DATE: 11/6/91
TIME: ~3:45P

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: east northeast on northwest corner of Kaney picture of well contents bailed for G102- product floating on top

PHOTO #: 6



INSPECTION PHOTOS

DATE: 11/16/91	SITE #: 2 0 1 0 3 0 0 0 1 1 CO.: Winnebago
TIME: ~3:45P	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: West toward Marathon Oil on northwest corner of Kaney property picture of well contents bailed for G102 product floating on top

PHOTO #: 7

DATE: 11/16/91

TIME: ~3:45P

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: West toward MarathonOil on northwest corner of Kaney property picture of well contents bailed for G102

PHOTO #: 8

INSPECTION PHOTOS

DATE: 11/6/91	SITE #: 201300011 CO.: Winnebago
TIME: ~4:15 P	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: east northeast on northwest corner of Kaney property

Sample G102

PHOTO #: 9

DATE: 11/6/91

TIME: ~4:15P

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: West southwest on northwest corner of Kaney property

Sample G102

PHOTO #: 10

INSPECTION PHOTOS

DATE: 11/16/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: ~5:35P	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: faucet in Abels' home

Sample G202

PHOTO #: 11

DATE: 11/16/91	
TIME: ~5:35P	

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: faucet in Abels' home

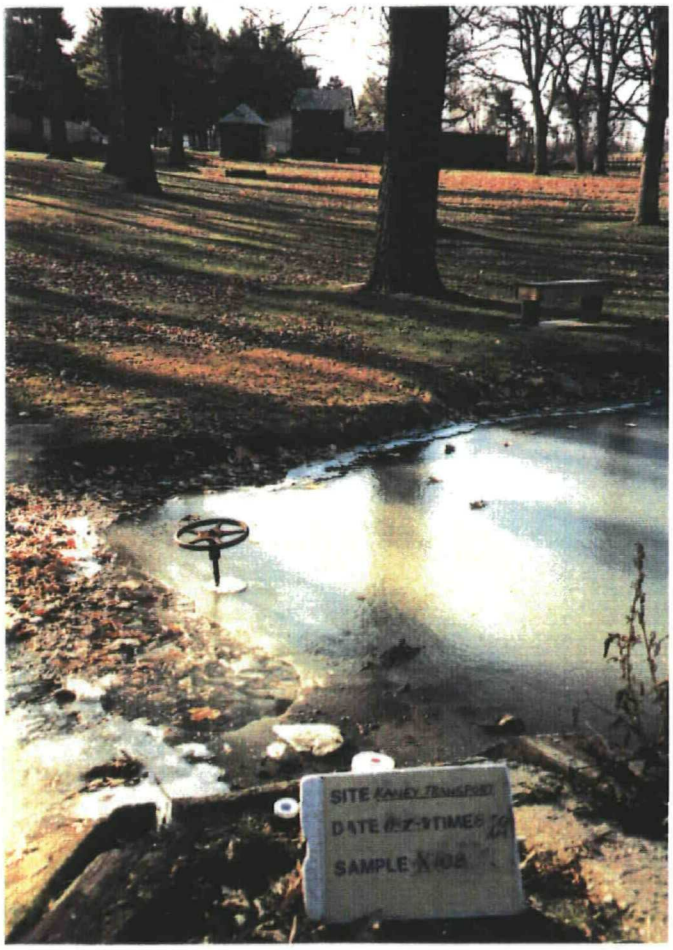
Sample G202

PHOTO #: 12

INSPECTION PHOTOS

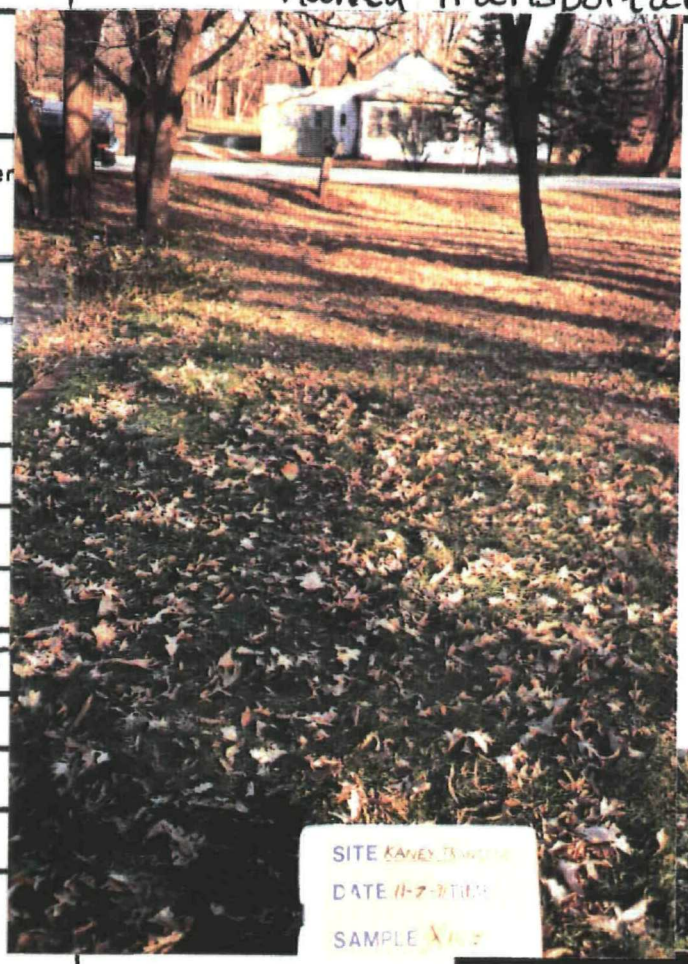
DATE: 11/1/91	SITE #: 201320011 CO.: Winnebago
TIME: ~8:35A	SITE NAME: Kaney Transportation, Inc.
PHOTOGRAPH TAKEN BY: Kim Nika	
COMMENTS: Pictures taken toward: South at east end of residential pond Sample X108	
PHOTO #: 13	

DATE: 11/1/91
TIME: ~8:35 A
PHOTOGRAPH TAKEN BY: Kim Nika
COMMENTS: Pictures taken toward: South southwest at east end of residential pond Sample X108
PHOTO #: 14



INSPECTION PHOTOS

DATE: 11/1/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: ~8:40A	SITE NAME: Kaney Transportation, Inc.
PHOTOGRAPH TAKEN BY: Kim NiKa	
COMMENTS: Pictures taken toward: east at east end of residential pond Sample X108	
PHOTO #: 15	



DATE: 11/1/91	
TIME: 8:55A	
PHOTOGRAPH TAKEN BY: Kim NiKa	
COMMENTS: Pictures taken toward: South at west end of residential pond Sample X109	
PHOTO #: 16	

INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: 8:55A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: West at west end of residential pond Sample X109

PHOTO #: 17

DATE: 11/7/91

TIME: 9:10A

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: West at south west corner of Cunningham Rd + Meridian Rd. intersection Sample X107

PHOTO #: 18

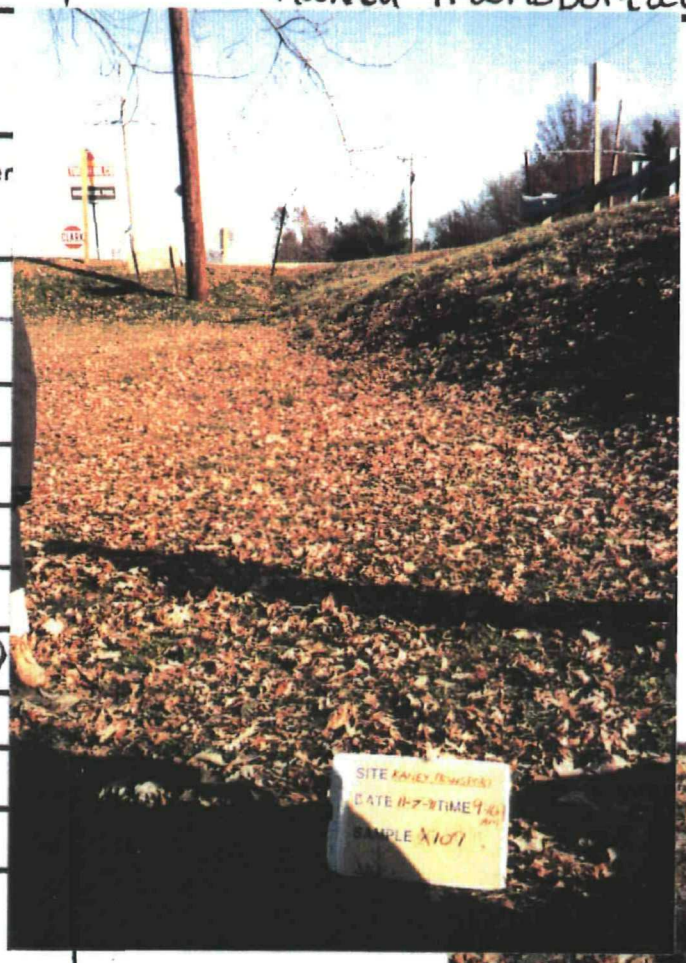
INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: 9:10 A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taker toward: north at southwest corner of Cunningham Rd. + Meridian Rd intersection Sample X107

PHOTO #: 19

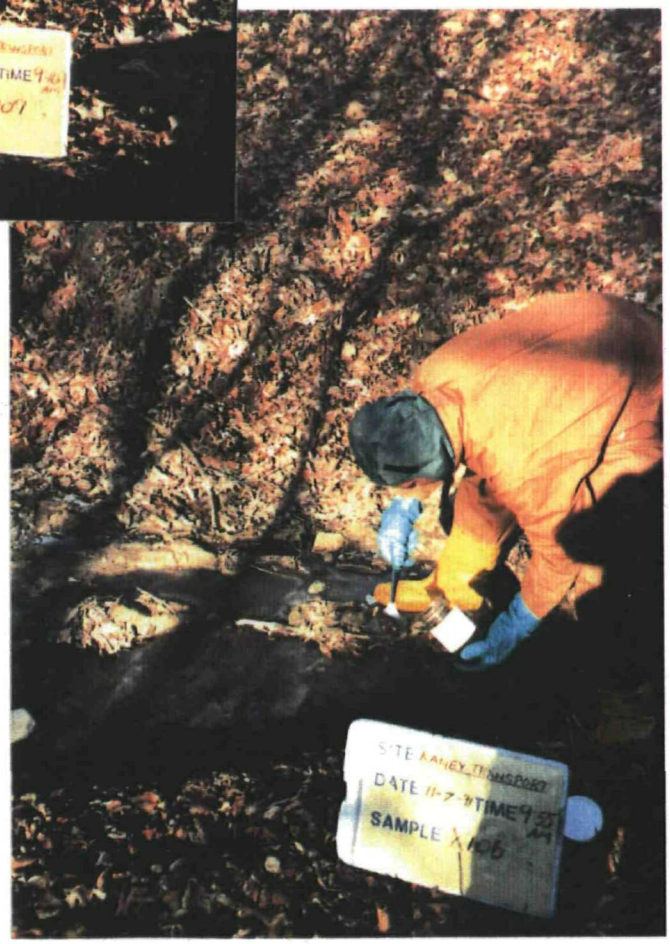


DATE: 11/7/91	
TIME: 10:00 A	

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: north 22'11" South of southern boundry fence of pit + 75'9" east of site east boundry fence Sample X106

PHOTO #: 20



INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: ~10:00A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: South 22'11" South of southern boundry fence of pit +75'9" east of site eastboundry fence Sample X106

PHOTO #: 21

DATE: 11/7/91

TIME: 10:05A

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: bank along unnamed creek where runoff was observed

PHOTO #: 22

INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 201320011 CO.: Winnebago
TIME: ~10:05A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: bank of unnamed creek. Where runoff was observed.

PHOTO #: 23

DATE: 11/7/91

TIME: ~10:25A

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: east southeast along unnamed creek Sample X105

PHOTO #: 24

INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 2 0 0 1 4 CO.: Winnebago
TIME: ~10:25A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim NiKa

COMMENTS: Pictures take toward: eastsoutheast along unnamed creek

Sample: X105

PHOTO #: 25

DATE: 11/7/91

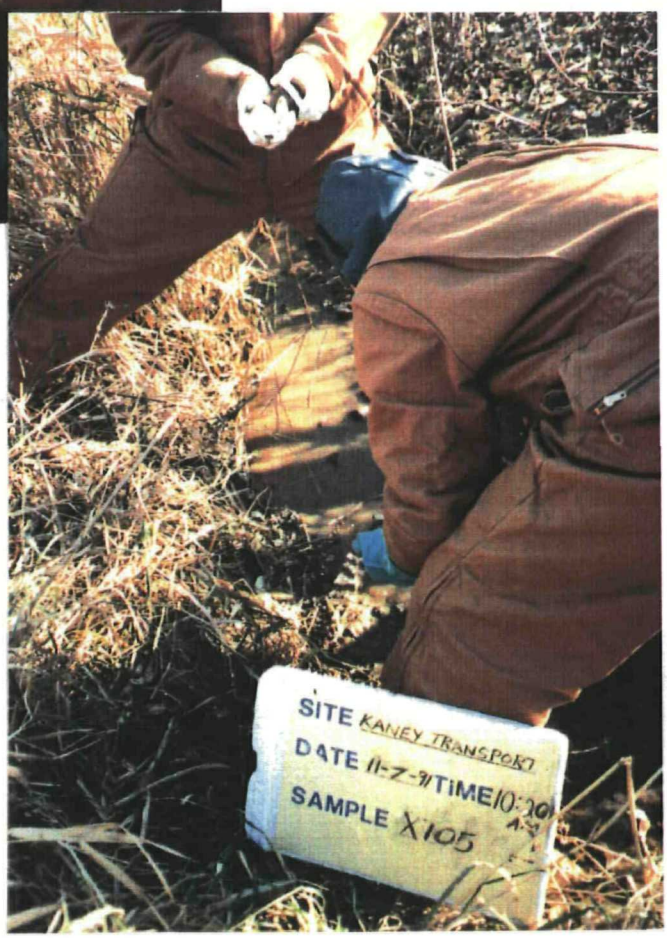
TIME: ~10:25A

PHOTOGRAPH TAKEN BY: Kim NiKa

COMMENTS: Pictures taken toward: east along unnamed creek

Sample X105

PHOTO #: 26



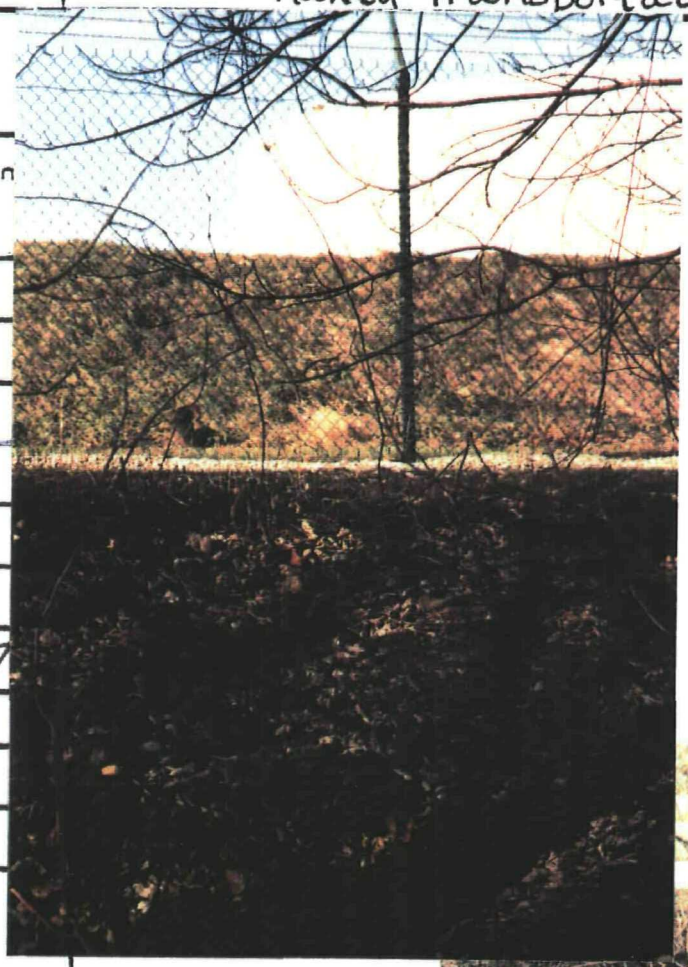
INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 0 0 0 1 1 CO.: Winnebago
TIME: ~10:35A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: West toward Marathon Oil Note: low center is a pipe in the hill

PHOTO #: 27



DATE: 11/7/91

TIME: ~10:35A

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: West toward Marathon Oil Note: in center is a pipe in the hill

PHOTO #: 28

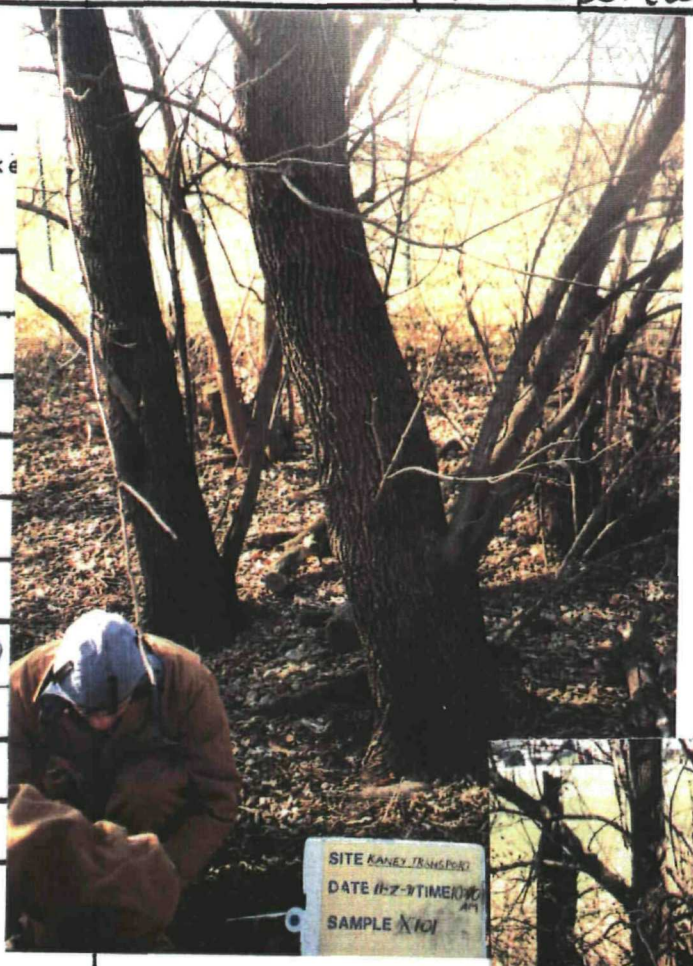
INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 201320011 CO.: Winnebago
TIME: 10:45A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures take toward: West towards Marathon Oil along west side of Kaney property Sample X101

PHOTO #: 29



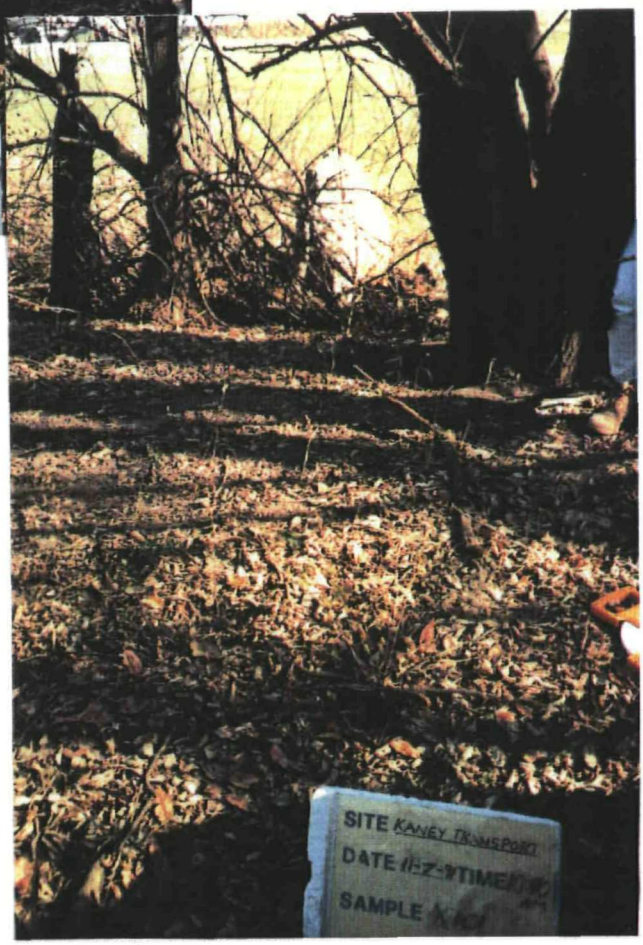
DATE: 11/7/91

TIME: 10:45A

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken toward: north north east along west side of Kaney property Sample X101

PHOTO #: 30

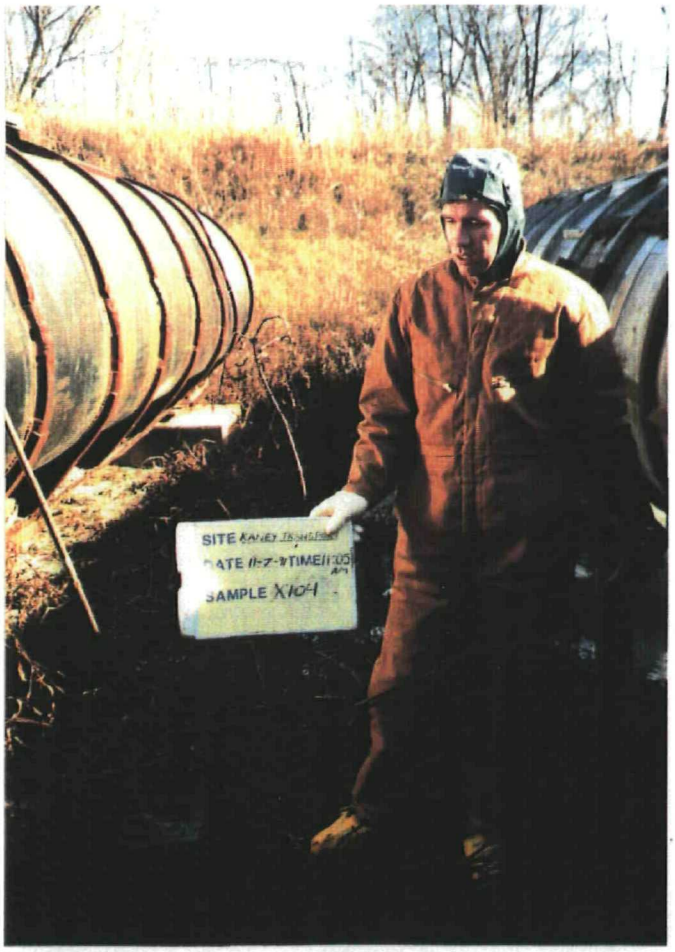


INSPECTION PHOTOS

DATE: 11/1/91
TIME: 11:10A
PHOTOGRAPH TAKEN BY: Sheila Murphy
COMMENTS: Pictures taken toward: east, in lagoon
Sample X104
PHOTO #: 31

SITE #: 201320011 CO.: Winnebago
SITE NAME: Kaney Transportation, Inc.

DATE: 11/1/91
TIME: 11:10A
PHOTOGRAPH TAKEN BY: Sheila Murphy
COMMENTS: Pictures taken toward: east in lagoon
Sample X104
PHOTO #: 32



INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 0 0 0 1 1 CO.: Winnebago
TIME: ~11:20A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: west along west side of Kaney property Sample G104

PHOTO #: 33

DATE: 11/7/91

TIME: ~11:20A

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: northeast along west side of Kaney property Sample: G104

PHOTO #: 34

INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: ~11:55A	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures tak
toward: West
along Deets'
west side of
backyard
Sample X102

PHOTO #: 35

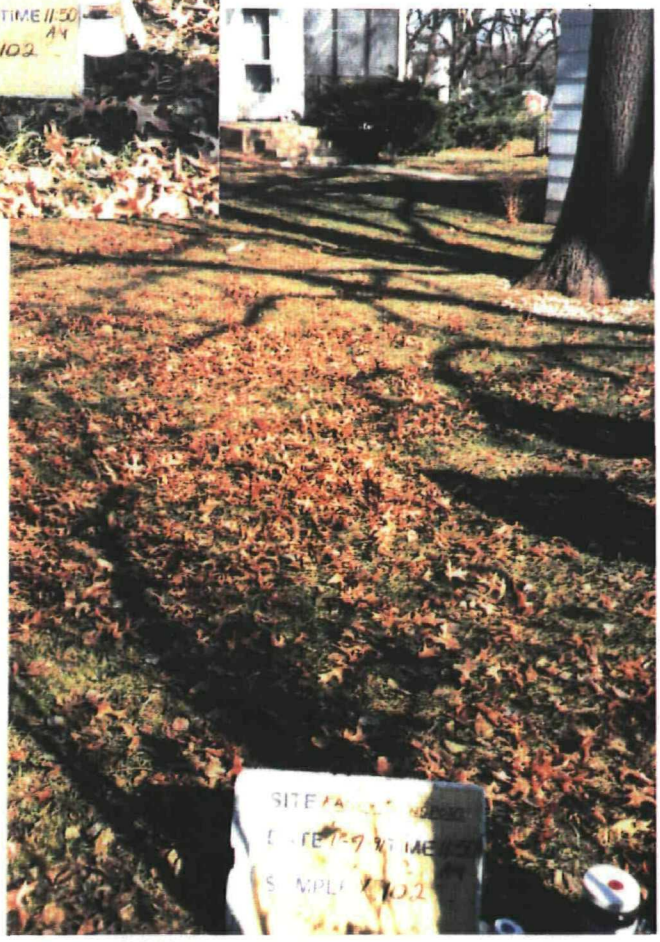
DATE: 11/7/91

TIME: ~11:55A

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures taken
toward: northeast
along Deets' west
side of backyard
Sample X102

PHOTO #: 36



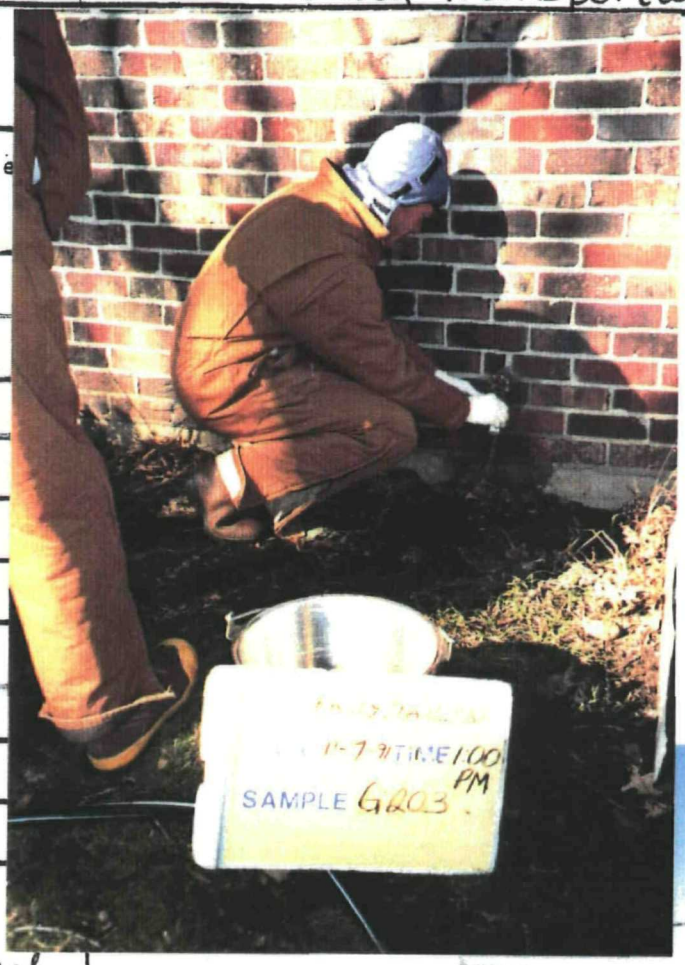
INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: ~1:25 P	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Kim Nika

COMMENTS: Pictures take toward: north on South side of Falconer home Sample: G203

PHOTO #: 37



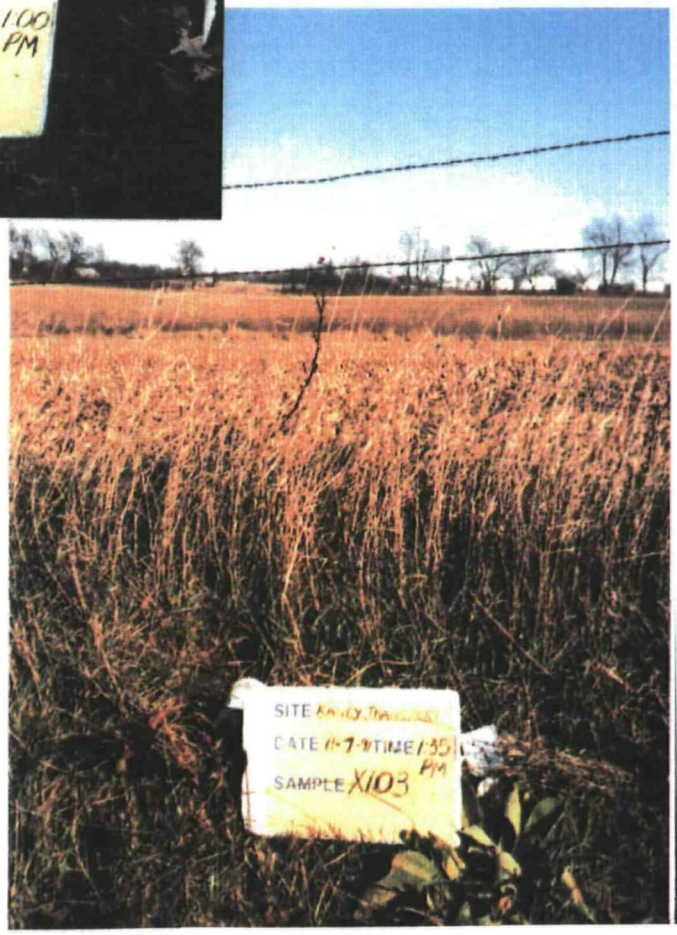
DATE: 11/7/91

TIME: ~1:40 P

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: east along east side of South Weldon - can see Marathon Oil in background Sample: X103

PHOTO #: 38



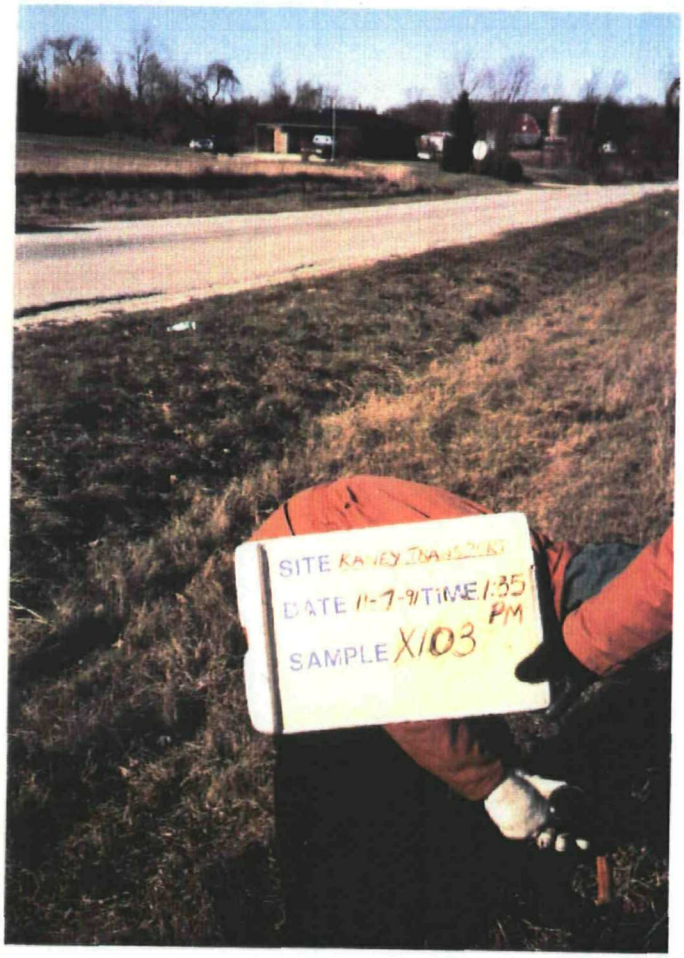
INSPECTION PHOTOS

DATE: 11/7/91	SITE #: 2 0 1 0 3 0 0 0 1 4 CO.: Winnebago
TIME: ~1:40 P	SITE NAME: Kaney Transportation, Inc.

PHOTOGRAPH TAKEN BY: Sheila Murphy

COMMENTS: Pictures taken toward: north northwest along east side of South Weldon

PHOTO #: 39



DATE: __/__/__
TIME:
PHOTOGRAPH TAKEN BY:
COMMENTS: Pictures taken toward:
PHOTO #:

APPENDIX E

WELL LOGS

White Copy – Ill Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

TRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ___ Bored ___ Hole Diam 5 In Depth 265 ft
Curb material ___ Buried Slab Yes ___ No ___
b Driven ___ Drive Pipe Diam ___ In Depth ___ ft
c Drilled ✓ Finished in Drift ___ In Rock ✓
Tubular ___ Gravel Packed ___
d Grout

(KIND)	FROM (Ft)	TO (Ft)

2 Distance to Nearest
Building 125+ Ft. Seepage Tile Field 100
Cess Pool ___ Sewer (non Cast Iron) ___
Privy ___ Sewer (Cast Iron) ___
Septic Tank 75 Barnyard ___
Leaching Pit ___ Manure Pile ___

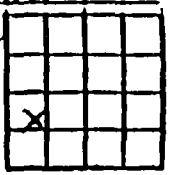
3 Well furnishes water for human consumption? Yes ✓ No ___
4 Date well completed 1-24-86
5 Permanent Pump Installed? Yes ___ Date ___ No ___
Manufacturer RED JACKET Type ___ Location ___
Capacity ___ gpm Depth of Setting ___ Ft
6 Well Top Sealed? Yes ✓ No ___ Type LPS
7 Pitless Adapter Installed? Yes ✓ No ___
Manufacturer MARTIN Model Number BF-10
How attached to casing? BOLTED
8 Well Disinfected? Yes ✓ No ___
9 Pump and Equipment Disinfected? Yes ✓ No ___
10 Pressure Tank Size ___ gal Type ___
Location ___
11. Water Sample Submitted? Yes ___ No ___

REMARKS
Winn - 90 - 4920
P. # - 5922

IDPH 4 065
1/74 – KNB 1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Prope
Addre
Driller JESSIE BEAMAN License No 92-599
11 Permit No 12117 Date 10-25-85
12 Water from SANDSTONE 13 County WINN
Formation
at depth 245 to 265 ft
14 Screen Diam ___ In
Length ___ ft Slot ___
Sec 12 Tc
Twp 26N
Rge 11E
Elev ___



SHOW LOCATION IN SECTION PLAT
SE NW SW

15 Casing and Liner Pipe

Diam. (In)	Kind and Weight	From (Ft)	To (Ft)

16 Size Hole below casing ___ In
17 Static level ___ ft below casing top which is ___ ft above ground level Pumping level ___ ft when pumping at ___ gpm for ___ hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
CLAY	35	35
SAND	5	40
LIMESTONE	205	245
SAND STONE	20	265

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Jessie Beaman DATE ___

White Copy – Ill Dept of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, ROOM 6 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug____ Bored____ Hole Diam ____in Depth____ft
Curb material ____ Buried Slab Yes____No____
b Driven ____ Drive Pipe Diam ____in Depth____ft
c Drilled ✓ Finished in Drift ____ In Rock ✓
Tubular ____ Gravel Packed ____
d Grout

(KIND)	FROM (Ft)	TO (Ft)
CLAY	0	20

2 Distance to Nearest
Building 34 Ft — Seepage Tile Field 100
Cess Pool ____ — Sewer (non Cast iron) ____
Privy ____ — Sewer (Cast iron) ____
Septic Tank 25 — Barnyard ____
Leaching Pit ____ — Manure Pile ____

3 Is water from this well to be used for human consumption?
Yes ✓ No ____

4 Date well completed 11-14-75

5 Permanent Pump Installed? Yes ✓ No ____
Manufacturer RED JACKET Type SUBMERGA
Capacity 10 gpm Depth of setting 60 ft

6 Well Top Sealed? Yes ✓ No ____

7 Pitless Adaptor Installed? Yes ✓ No ____

8 Well Disinfected? Yes ✓ No ____

9 Water Sample Submitted? Yes ✓ No ____

REMARKS

IDPH 4065
10/68

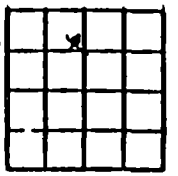
GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Property Address non-responsive
Driller GERALD ROSENQUIST License No 92314

11 Permit No 40766 Date 9-4-75

12 Water from LIMESTONE Formation 13 County WINNEBAGO
at depth 34 to 50 ft
Sec 23 SQ
Twp 26N
Rge 11E
Elev ____

14 Screen Diam ____in
Length ____ft Slot ____



SHOW LOCATION IN SECTION PLAT
SE NE NW

15 Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
6	BLK. A53B 11.45LB	+1	34

16 Size Hole below casing 6 in

17 Static level 11 ft below casing top which is 1 ft above ground level Pumping level 17 ft when pumping at 11 gpm for 3 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
CLAY	31	31
LIMESTONE	49	80
SHALE	40	120

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Gerald R. Rosenquist DATE 11-20-75

White Copy – Ill Dept. of Public Health
Yellow Copy – Well Contractor
Pink Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUES AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

Type of Well

a Dug____ Bored____ Hole Diam ____in Depth____ft
Curb material ____ Buried Slab Yes____No____
b Driven____ Drive Pipe Diam ____in Depth____ft
c Drilled ✓ Finished in Drift____ In Rock ✓
Tubular____ Gravel Packed____
d Grout

(KIND)	FROM (Ft.)	TO (Ft.)

2. Distance to Nearest
Building 22 Ft. Seepage Tile Field 100
Cess Pool____ Sewer (non Cast iron)____
Privy____ Sewer (Cast iron) 100
Septic Tank 75 Barnyard____
Leaching Pit____ Manure Pile____
3. Well furnishes water for human consumption? Yes ✓ No____
4. Date well completed Dec. 3 - 1986
5. Permanent Pump Installed? Yes ✓ Date Dec 3, 1986 No____
Manufacturer Red Jacket Type Sub Location In Well
Capacity 12 gpm. Depth of Setting 140 Ft
6. Well Top Sealed? Yes ✓ No____ Type Martinson
7 Pitless Adapter Installed? Yes ✓ No____
Manufacturer Martinson Model Number BP10
How attached to casing? Threaded Nut
8 Well Disinfected? Yes ✓ No____
9 Pump and Equipment Disinfected? Yes ✓ No____
10 Pressure Tank Size 20 gal Type Well x-Trol
Location In Basement
11. Water Sample Submitted? Yes ✓ No____
REMARKS.

Co # 26301

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Proper
Addres
Driller Jack Bull License No. 92-606
11 Permit No 128281 Date Nov. 25, 1986
12 Water from Rock Formation 13 County Winnebago
at depth 120 to 265 ft
14 Screen Diam —in
Length — ft Slot —
Sec 11.5
Twp 26N
Rge 11E
Elev ____

SHOW LOCATION IN SECTION PLAT

SE NE SW

15 Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	258 Black	0	42

16 Size Hole below casing 5 in
17 Static level 120 ft below casing top which is 10 in. above ground level Pumping level 125 ft when pumping at 12 gpm for 6 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top Soil	0	5
Clay, Gravel	5	35
ye llow limestone	35	165
Gray Rock	165	220
Sft Pete	220	265

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Jack Bull DATE 1-15-87

IL 4 065
IA – KNB-1

White Copy – Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH ROOM 516, STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

1/67

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
- a Dug____ Bored____ Hole Diam ____in Depth____ft
  Curb material _____ Buried Slab Yes_____No_____
- b Driven_____ Drive Pipe Diam _____in Depth_____ft
- c Drilled ✓ Finished in Drift _____ In Rock ✓
  Tubular _____ Gravel Packed _____
- d Grout

(KIND)	FROM (Ft)	TO (Ft)
CLAY	0	35
CEMENT	35	140

2 Distance to Nearest
Building 12 Ft — Seepage Tile Field 130'
Cess Pool _____ — Sewer (non Cast iron) _____
Privy _____ — Sewer (Cast iron) _____
Septic Tank 105' — Barnyard _____
Leaching Pit _____ — Manure Pile _____

3 Is water from this well to be used for human consumption?
Yes ✓ No_____

4 Date well completed Dec 5, 71

5 Permanent Pump Installed? Yes ✓ No_____
Manufacturer Red Jacket Type Submersible
Capacity ____gpm Depth of setting 105' ft

6 Well Top Sealed? Yes ✓ No_____

7 Pitless Adaptor Installed? Yes ✓ No_____

8 Well Disinfected? Yes ✓ No_____

9 Water Sample Submitted? Yes ✓ No_____

REMARKS

GEOLOGICAL WATER SURVEYS WATER WELL RECORD

10 Dept Mines and Minerals permit No 12715 Year 1971

11 Prope[illegible] non-responsive
Addr[illegible]
Driller [illegible] License No 72-314

12 Water from Silurian 13 County [illegible]
Formation
at depth 260 to 308 ft

14 Screen Diam _____in
Length _____ft Slot _____

Sec 14-L
Twp 17N
Rng 1E
Elev _____

15 Casing and Liner Pipe

Diam (In)	Kind and Weight	From (Ft)	To (Ft)
6	Black Steel	0	116

SHOW LOCATION IN SECTION PLAT
NW¼ NW¼ 16) SC

16 Size Hole below casing 6 in

17 Static level 26 ft below casing top which is 1 ft above ground level Pumping level 26 ft when pumping at 60 gpm for 2 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
CLAY	31	31
LIMESTONE	31	315
CHERT	15	330
ST. PETER SANDSTONE	471	1100
(CONTINUE ON SEPARATE SHEET IF NECESSARY)		

SIGNED [illegible] DATE Dec 7, 71

White Copy — Ill Dept Public Health
Yellow Copy — Well Contractor
Blue Copy — Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH ROOM 616 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

1/67

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
- a Dug____ Bored____ Hole Diam ____in Depth____ft
  Curb material ____ Buried Slab Yes____No____
- b Driven____ Drive Pipe Diam ____in Depth____ft
- c Drilled ✓ Finished in Drift____ In Rock ✓
  Tubular____ Gravel Packed____
- d Grout

(KIND)	FROM (Ft)	TO (Ft)

Distance to Nearest
Building 20 Ft — Seepage Tile Field 80
Cess Pool ____ — Sewer (non Cast iron) ____
Privy ____ — Sewer (Cast iron) ____
Septic Tank 60 — Barnyard ____
Leaching Pit ____ — Manure Pile ____

3 Is water from this well to be used for human consumption?
Yes ✓ No____

4 Date well completed Dec 7-68

5 Permanent Pump Installed? Yes____ No ✓
Manufacturer ____ Type ____
Capacity ____gpm Depth of setting ____ft

6 Well Top Sealed? Yes ✓ No____

7 Pitless Adaptor Installed? Yes____ No ✓

8 Well Disinfected? Yes ✓ No____

9 Water Sample Submitted? Yes____ No ✓

REMARKS Somebody Elec put pump in

GEOLOGICAL WATER SURVEYS WATER WELL RECORD

10 Dept Mines and Minerals Permit No 6365 Year 1968

11 Property
Address
Driller C. L. Motter License No 41-335

12 Water from Limestone Formation at depth 60 to 150 ft

13 County WILL
Sec 14 7g
Twp 36N
Rng 11E
Elev ____

14 Screen Diam ____in
Length ____ft Slot ____

15 Casing and Liner Pipe

Diam (In)	Kind and Weight	From (Ft)	To (Ft)
6	Steel 19.45	0	60½

SHOW LOCATION IN SECTION PL
SE NW
NW

16 Size Hole below casing 6 in

17 Static level 30 ft below casing top which is 1 above ground level Pumping level 45 ft when pumping at 14 gpm for 1 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH BOTTOM
Black Loam	2	2
Sandy Brown Clay	23	25
Sand & Gravel	5	30
Blue Clay	20	50
Sandy Blue Clay	10	60
Yellow Limestone	60	120
Blue " "	25	145
(CONTINUE ON SEPARATE SHEET IF NECESSARY)	5	150

SIGNED C. L. Motter DATE Dec. 9-68

White Copy – Ill. Dept of Public Health
Copy – Well Contractor
Blue Copy – Well Owner

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH 616 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ____ Bored ____ Hole Diam *6* in Depth *159* ft
Curb material ____ Buried Slab Yes ____ No ____
b Driven ____ Drive Pipe Diam *6* in Depth *21* ft
c Drilled ____ Finished in Drift ____ In Rock *X*
Tubular ____ Gravel Packed ____
d Grout

(KIND)	FROM (Ft)	TO (Ft)

2 Distance to Nearest
Building *6* Ft Seepage Tile Field *100*
Cess Pool ____ Sewer (non Cast iron) ____
Privy ____ Sewer (Cast iron) *X*
Septic Tank *75* Barnyard ____
Leaching Pit ____ Manure Pile ____

3 Is water from this well to be used for human consumption?
Yes *X* No ____

4 Date well completed *Jun 11, 1969*

5 Permanent Pump Installed? Yes *X* No ____
Manufacturer *[illegible]* Type *Submergible*
Capacity *10* gpm Depth of setting *110* ft

6 Well Top Sealed? Yes *X* No ____

7 Pitless Adaptor Installed? Yes *X* No ____

8 Well Disinfected? Yes *X* No ____

9 Water Sample Submitted? Yes ____ No *X*

REMARKS

GEOLOGICAL WATER SURVEYS WATER WELL RECORD

10 Dept Mines and Minerals permit No *[illegible]* Year *[illegible]*
11 Property [redacted] non-responsive
Address
Driller *Jacob J. Dougherty* License No *[illegible]*
12 Water from *[illegible]* 13 County *[illegible]*
Formation
at depth ____ to ____ ft Sec *11.4a*
14 Screen Diam ____ in Twp *26N*
Length ____ ft Slot ____ Rng *11E*
Elev ____

15 Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
6		*Top*	*21*

SHOW LOCATION IN SECTION PLAT
SW SW S[illegible]

16 Size Hole below casing *6* in
17 Static level *70* ft below casing top which is ____ above ground level Pumping level *70* ft when pumping at *10* gpm for *1* hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
top clay	*60*	*60*
sand and clay	*16*	*76*
yellow Limestone	*40*	*116*
Gray Limestone	*34*	*15[illegible]*
(CONTINUE ON SEPARATE SHEET IF NECESSARY)		

SIGNED *[illegible]* DATE *[illegible]*

White Copy – Ill Dept of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH BUREAU OF ENVIRONMENTAL HEALTH 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62701 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug___ Bored___ Hole Diam ___in Depth___ft
Curb material ___ Buried Slab Yes___No___
b Driven___ Drive Pipe Diam ___in Depth___ft
c Drilled X Finished in Drift X In Rock___
Tubular___ Gravel Packed___
d Grout

(KIND)	FROM (Ft)	TO (Ft)
none		

2 Distance to Nearest
Building 12 Ft Seepage Tile Field 100
Cess Pool ___ Sewer (non Cast iron) ___
Privy ___ Sewer (Cast iron) ___
Septic Tank 50 Barnyard ___
Leaching Pit ___ Manure Pile ___

3 Is water from this well to be used for human consumption?
Yes X No___

4 Date well completed Apr 18

5 Permanent Pump Installed? Yes X No___
Manufacturer Sta-Rite Type S-Sm
Capacity 10 gpm Depth of setting 30 ft

6 Well Top Sealed? Yes X No___

7 Pitless Adaptor Installed? Yes X No___

8 Well Disinfected? Yes X No___

9 Water Sample Submitted? Yes X No___

REMARKS Water sample reported safe By Winnebago Co Health Dept.

IDPH 4 065
10-72
K 1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

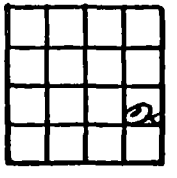
10 Property owner non-responsive
Address ___
Driller Ed Greenfield License No 92582

11 Permit No 28231 Date March 20

12 Water from Sand (Formation) 13 County Winn.
at depth 40 to 42 ft

14 Screen Diam 4 in
Length 2 ft Slot 15

Sec 14
Twp 26N
Rge 11E
Elev ___



SHOW LOCATION IN SECTION PLAT
100' N 100 W
S/E SE NE SE

15 Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
4	Blk PE 11# ft.	0	40
4	Johnson SS screen	40	42

16 Size Hole below casing ___ in

17 Static level 15 ft below casing top which is 1 ft above ground level Pumping level 21 ft when pumping at 10 gpm for 8 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Soil	2	2
Sandy clay	30	32
sand	10	42

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Ed Rumfield DATE May 8

White Copy – Ill Dept of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH ROOM 616 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ____ Bored ____ Hole Diam 9 in Depth 41 ft
Curb material ____ Buried Slab Yes ____ No ____
b Driven ____ Drive Pipe Diam ____ in Depth 41 ft
c Drilled X Finished in Drift ____ In Rock X
Tubular ____ Gravel Packed ____
d Grout

(KIND)	FROM (Ft)	TO (Ft)
[illegible]	[illegible]	41

2 Distance to Nearest
Building ____ Ft Seepage Tile Field 75
Cess Pool — Sewer (non Cast iron) —
Privy ____ Sewer (Cast iron) —
Septic Tank [illegible] Barnyard ____
Leaching Pit ____ Manure Pile —

3 Is water from this well to be used for human consumption?
Yes X No ____

4 Date well completed 2/3/72

5 Permanent Pump Installed? Yes X No ____
Manufacturer [illegible] Type [illegible]
Capacity ____ gpm Depth of setting 36 ft

6 Well Top Sealed? Yes X No ____

7 Pitless Adaptor Installed? Yes X No ____

8 Well Disinfected? Yes X No ____

9 Water Sample Submitted? Yes X No ____

REMARKS

IDPH 4 065
10/

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Property [redacted]
Address [illegible]
Driller [illegible] License No 92-559
11 Permit No 16237 Date Jan 14 1972
12 Water from Rock (Formation) 13 County Winn[illegible]
at depth ____ to ____ ft
Sec 35d
Twp 21N
Rge 11E
Elev ____
14 Screen Diam ____ in
Length ____ ft Slot ____

SHOW LOCATION IN SECTION PLAT
NE NE SW

15 Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
6	Blk std steel		

16 Size Hole below casing 6 in
17 Static level 45 ft below casing top which is 1 ft above ground level Pumping level 60 ft when pumping at 10 gpm for 2 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
top soil	1	1
[illegible] clay	8	9
[illegible]	6	15
[illegible] rock	77	92

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED [signature] DATE [illegible] 72

White Copy – Ill Dept of Pu. Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQU... D AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ____ Bored ____ Hole Diam ____ in Depth ____ ft
Curb material ____ Buried Slab Yes ____ No ____
b Driven ____ Drive Pipe Diam ____ in Depth ____ ft
c Drilled ✓ Finished in Drift ____ In Rock ✓
Tubular ____ Gravel Packed ____
d Grout

(KIND)	FROM (Ft)	TO (Ft)

2 Distance to Nearest
Building 30 Ft — Seepage Tile Field 100
Cess Pool ____ — Sewer (non Cast iron) ____
Privy ____ — Sewer (Cast iron) ____
Septic Tank 75 — Barnyard ____
Leaching Pit ____ — Manure Pile ____
3 Well furnishes water for human consumption? Yes ✓ No ____
4 Date well completed 12-15-86
5 Permanent Pump Installed? Yes ✓ Date 12-15-86 No ____
Manufacturer RED JACKET Type SUB Location WELL
Capacity 8 gpm Depth of Setting 145 Ft.
6 Well Top Sealed? Yes ✓ No ____ Type LP-5
7 Pitless Adapter Installed? Yes ✓ No ____
Manufacturer MARTISON Model Number BP-10
How attached to casing? NUT
8 Well Disinfected? Yes ✓ No ____
9 Pump and Equipment Disinfected? Yes ✓ No ____
10 Pressure Tank Size 20 gal Type WELL-X-TROL-202
Location BASEMENT
11 Water Sample Submitted? Yes ✓ No ____

REMARKS

G #26264

Winn No 5142
7273 Cunningham RD

IDPH 4 065
1/74 – KNB 1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Property Address [redacted]
Driller JESSIE BEAMAN License No. 92-599
11 Permit No 127538 Date 10-23-86
12 Water from SANDSTONE (Formation) 13 County WINN
at depth 260 to 280 ft — Sec 13-7R
14 Screen Diam ____ in — Twp 26N
Length ____ ft Slot ____ — Rge 11E
Elev ____

SHOW LOCATION IN SECTION PLAT: NE NW NW

15 Casing and Liner Pipe

Diam. (in)	Kind and Weight	From (Ft)	To (Ft)
5	13:00 BLACK	0	73

16 Size Hole below casing 5 in
17 Static level 105 ft below casing top which is 1 ft above ground level Pumping level 120 ft when pumping at 10 gpm for 2 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
CLAY	40	40
GRAVEL	20	63
CLAY	10	73
LIME STONE	187	260
SAND STONE	20	280

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Jessie Beaman DATE 3-21-87

White Copy – Ill Dept ublic Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQ STED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH ROOM 616 STATE OFFICE BUILDING SPRINGFIELD ILLINOIS 62706 DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

1/67

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug____ Bored____ Hole Diam ____in Depth____ft
Curb material ____ Buried Slab Yes____No____
b Driven____ Drive Pipe Diam ____in Depth____ft
c Drilled ✓ Finished in Drift____ In Rock ✓
Tubular____ Gravel Packed____
d Grout

(KIND)	FROM (Ft)	TO (Ft)

2 Distance to Nearest
Building 20 Ft Seepage Tile Field 80
Cess Pool____ Sewer (non Cast iron)____
Privy____ Sewer (Cast iron)____
Septic Tank 60 Barnyard____
Leaching Pit____ Manure Pile____

3 Is water from this well to be used for human consumption?
Yes ✓ No____

4 Date well completed Dec 7-68

5 Permanent Pump Installed? Yes____ No ✓
Manufacturer____ Type____
Capacity____gpm Depth of setting____ft

6 Well Top Sealed? Yes ✓ No____

7 Pitless Adaptor Installed? Yes____ No ✓

8 Well Disinfected? Yes ✓ No____

9 Water Sample Submitted? Yes____ No ✓

REMARKS Somebody Else put pump in

GEOLOGICAL WATER SURVEYS WATER WELL RECORD

10 Dept Mines and Minerals permit No 6365 Year 1968

11 Property
Address
Driller C. E. Miller License No 41-333

12 Water from Limestone Formation 13 County WINNEBAGO
at depth 60 to 150 ft
14 Screen Diam ____in
Length ____ft Slot____

Sec 14 7g
Twp 26N
Rng 1E
Elev ____

SHOW LOCATION IN SECTION PLAT
SE NW
NW

15 Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
6	Stl 19.45#	0	60½

16 Size Hole below casing 6 in
17 Static level 30 ft below casing top which is 1 ft above ground level Pumping level 45 ft when pumping at 14 gpm for 1 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Black Loam	2	2
Sandy Brown Clay	23	25
Sand & Gravel	5	30
Blue Clay	20	50
Sandy Blue Clay	10	60
Yellow Limestone	60	120
Blue " "	25	145
(CONTINUE ON SEPARATE SHEET IF NECESSARY)	5	150

SIGNED Orville L Motter DATE Dec. 9-68

White Copy – Ill Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

ICTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ____ Bored ____ Hole Diam 8 in Depth 41 ft
Curb material ____ Buried Slab Yes ____ No ____
b Driven ____ Drive Pipe Diam 5 in Depth 42 ft
c Drilled X Finished in Drift ____ In Rock X
Tubular ____ Gravel Packed ____
d Grout

(KIND)	FROM (Ft)	TO (Ft)
cement	41	30
cuttings	30	6
0		

2 Distance to Nearest
Building 30 Ft. Seepage Tile Field 106
Cess Pool – Sewer (non Cast iron) –
Privy ____ Sewer (Cast iron) –
Septic Tank 80 Barnyard –
Leaching Pit – Manure Pile –
3. Well furnishes water for human consumption? Yes ____ No ____
4 Date well completed May 23
5 Permanent Pump Installed? Yes X Date ____ No ____
Manufacturer Red Jacket Type Sub Location ____
Capacity 10 gpm Depth of Setting 60 Ft.
6. Well Top Sealed? Yes X No ____ Type ____
7 Pitless Adapter Installed? Yes X No ____
Manufacturer Martenson Model Number BL-5
How attached to casing? Weld
8 Well Disinfected? Yes X No ____
9 Pump and Equipment Disinfected? Yes ____ No X
10 Pressure Tank Size – gal Type –
Location ____
11 Water Sample Submitted? Yes ____ No –
REMARKS

IDPH 4 065
1/74 – KNB 1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

non-responsive

10 Property o [redacted]
Address [redacted]
Driller L. Livingston License No 103-106
11 Permit No 37676 Date 5-13-75
12 Water from rock (Formation) 13 County Winn
at depth ____ to ____ ft
Sec 14th
14 Screen Diam ____ in Twp 26N
Length ____ ft Slot ____ Rge 11E
Elev ____

SHOW LOCATION IN SECTION PLAT
NW NW NW

15 Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
5	Std Blk Steel	0	42

16 Size Hole below casing 5 in
17 Static level 10 ft below casing top which is 1 ft above ground level Pumping level 25 ft when pumping at 10 gpm for 2 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top soil	2	
sand & gravel	13	15
gravel	15	30
lime rock	45	75

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Lowell Livingston DATE 6-9-75

White Copy – Ill Dept of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

TRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT IN ORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug___ Bored___ Hole Diam 5 in Depth 265 ft
Curb material ___ Buried Slab Yes___ No___
b Driven ___ Drive Pipe Diam ___ in Depth ___ ft
c Drilled ✓ Finished in Drift ___ In Rock ✓
Tubular ___ Gravel Packed ___
d Grout

(KIND)	FROM (Ft)	TO (Ft)

2 Distance to Nearest
Building 125 Ft Seepage Tile Field 100
Cess Pool ___ Sewer (non Cast iron) ___
Privy ___ Sewer (Cast iron) ___
Septic Tank 75 Barnyard ___
Leaching Pit ___ Manure Pile ___

3 Well furnishes water for human consumption? Yes ✓ No ___
4 Date well completed 1-24-86
5 Permanent Pump Installed? Yes ___ Date ___ No ___
Manufacturer RED JACKET Type ___ Location ___
Capacity ___ gpm Depth of Setting ___ Ft
6 Well Top Sealed? Yes ✓ No ___ Type LPS
7 Pitless Adapter Installed? Yes ✓ No ___
Manufacturer MARTIN Model Number BP-10
How attached to casing? BOLTED
8 Well Disinfected? Yes ✓ No ___
9 Pump and Equipment Disinfected? Yes ✓ No ___
10 Pressure Tank Size ___ gal Type ___
Location ___
11 Water Sample Submitted? Yes ___ No ___

REMARKS
Winn - No - 4920
Co # 25952

IDPH 4 065
1/74 – KNB 1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Prop
Addr
Driller JESSIE BEAMAN License No 92-599
11 Permit No 12147 Date 10-25-85
12 Water from SANDSTONE Formation 13 County LU AND
at depth 245 to 265 ft
14 Screen Diam ___ in
Length ___ ft Slot ___
Sec 12 Jo
Twp 26N
Rge 11E
Elev ___

SHOW LOCATION IN SECTION PLAT
SE NW SW

15 Casing and Liner Pipe

Diam (In)	Kind and Weight	From (Ft)	To (Ft)

16 Size Hole below casing ___ in
17 Static level ___ ft below casing top which is ___ ft above ground level Pumping level ___ ft when pumping at ___ gpm for ___ hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
CLAY	35	35
SAND	5	40
LIMESTONE	205	245
SAND STONE	20	265

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Jessie Beaman DATE ___

MAY 1986
PELL VCU
Division of Engineering and Sanitation

White — [illegible] of Public Health
Yellow Copy — Well Contractor
Blue Copy — Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ____ Bored ____ Hole Diam ____ in Depth ____ ft
Curb material ____ Buried Slab Yes ____ No ____
b Driven ____ Drive Pipe Diam ____ in Depth ____ ft
c Drilled XX Finished in Drift ____ In Rock XX
Tubular ____ Gravel Packed ____
d Grout

(KIND)	FROM (Ft)	TO (Ft)
Drill cuttings	-0-	40'

2 Distance to Nearest
Building 25 Ft Seepage Tile Field 100
Cess Pool ____ Sewer (non Cast iron) ____
Privy ____ Sewer (Cast iron) ____
Septic Tank 85 Barnyard ____
Leaching Pit ____ Manure Pile ____
3 Well furnishes water for human consumption? Yes XX No ____
4 Date well completed 2/20/78
5 Permanent Pump Installed? Yes xx Date 2/21/78 No ____
Manufacturer RedJacket Type sub. Location well
Capacity 15 gpm. Depth of Setting 100' Ft.
6 Well Top Sealed? Yes x No ____ Type LP-5
7 Pitless Adapter Installed? Yes x No ____
Manufacturer Mattinson Model Number BP-10
How attached to casing? screw on
8 Well Disinfected? Yes x No ____
9 Pump and Equipment Disinfected? Yes xx No ____
10 Pressure Tank Size ____ gal Type Well-X-Trol 202
Location basement
11 Water Sample Submitted? Yes ____ No xx
REMARKS

Lot # 65

Welden Hills Bubd

IDPH 4 065
1/74 – KNB 1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Property Address [redacted]
Driller Winifred McKinney License No 102-221
11 Permit No 70809 Date 1/18/78
12 Water from Rock (Formation) at depth 50 to 150 ft
13 County Winnebago
Sec 23 / 6
Twp 26N
Rge 11E
Elev ____
14 Screen Diam ____ in Length ____ ft Slot ____
15 Casing and Liner Pipe

Diam (In)	Kind and Weight	From (Ft)	To (Ft)
5"	Steel 15 lp.	-0-	40'

SHOW LOCATION IN SECTION PLAT
Lot 65, Welden Hills Subd, NW SE NW

16 Size Hole below casing 4 7/8 in
17 Static level 20 ft below casing top which is 1 ft above ground level Pumping level 40 ft when pumping at 30 gpm for 2 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top soil	5	5'
Clay	10'	15'
SAnd and gravel	5'	20'
Yellow limestone	25'	45'
Whitelimestone	50'	95'
Gray limestone	55'	150'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Winifred McKinney DATE 3-15-78

White Copy – Ill Dept of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTION TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH CONSUMER HEALTH PROTECTION 535 WEST JEFFERSON SPRINGFIELD ILLINOIS 62761 DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION BE SURE TO PROVIDE PROPER WELL LOCATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1 Type of Well
a Dug ___ Bored ___ Hole Diam ___ in Depth ___ ft
Curb material ___ Buried Slab Yes ___ No ___
b Driven ___ Drive Pipe Diam ___ in Depth ___ ft
c Drilled X Finished in Drift ___ In Rock X
Tubular ___ Gravel Packed ___
d Grout

(KIND)	FROM (Ft)	TO (Ft)

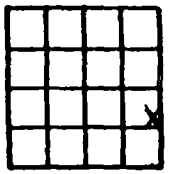
2 Distance to Nearest
Building 600 Ft Seepage Tile Field 600
Cess Pool ___ Sewer (non Cast iron) ___
Privy ___ Sewer (Cast iron) ___
Septic Tank 610 Barnyard ___
Leaching Pit ___ Manure Pile ___
3 Well furnishes water for human consumption? Yes ___ No X
4 Date well completed 7-1-85
5 Permanent Pump Installed? Yes ___ Date ___ No X
Manufacturer ___ Type ___ Location ___
Capacity ___ gpm Depth of Setting ___ Ft
6 Well Top Sealed? Yes ___ No ___ Type ___
7 Pitless Adapter Installed? Yes ___ No X
Manufacturer ___ Model Number ___
How attached to casing? ___
8 Well Disinfected? Yes ___ No ___
9 Pump and Equipment Disinfected? Yes ___ No ___
10 Pressure Tank Size ___ gal Type ___
Location ___
11 Water Sample Submitted? Yes ___ No ___

REMARKS WELL FOR WIND MILL FOR STOCK POUND Co #25793
COUNTY 4804

IDPH 1065
1/74 – KNB 1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10 Proper[redacted] non-responsive
Addres
Driller J HINKLE License No 102-189
11 Permit No 118353 Date 6-14-85
12 Water from ROCK (Formation) 13 County WINN
at depth 40 to 125 ft
14 Screen Diam ___ in
Length ___ ft Slot ___
Sec 21C
Twp 26N
Rge 11E
Elev ___



15 Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
5	T+C	0	37

SHOW LOCATION IN SECTION PLAT
Lot #1
West Heights Subd
SE NE SE

16 Size Hole below casing 5 in
17 Static level 50 ft below casing top which is 1 ft above ground level Pumping level 50 ft when pumping at 10 gpm for 4 hours

18 FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
TOP SOIL	5	5
CLAY LOAM	30	35
LIME ROCK	90	125

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED James A Hinkle DATE 11-1-85